



Barsbai, T., Lukas, D., & Pondorfer, A. (2021). Local Convergence of Behavior across Species. *Science*, 371(6526), 292-295.
<https://doi.org/10.1126/science.abb7481>

Peer reviewed version

Link to published version (if available):
[10.1126/science.abb7481](https://doi.org/10.1126/science.abb7481)

[Link to publication record in Explore Bristol Research](#)
PDF-document

This is the author accepted manuscript (AAM). The final published version (version of record) is available online via American Association for the Advancement of Science at <https://science.sciencemag.org/content/371/6526/292> . Please refer to any applicable terms of use of the publisher.

University of Bristol - Explore Bristol Research

General rights

This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available:
<http://www.bristol.ac.uk/red/research-policy/pure/user-guides/ebr-terms/>

Title: Local convergence of behavior across species

Authors: Toman Barsbai^{1*†}, Dieter Lukas^{2*†}, Andreas Ponderfer^{3*†}

Affiliations:

¹University of Bristol & Kiel Institute for the World Economy

²Max Planck Institute for Evolutionary Anthropology Leipzig

³University of Bonn & Technical University of Munich

*Correspondence to: toman.barsbai@bristol.ac.uk, dieter.lukas@eva.mpg.de, and andreas.ponderfer@uni-bonn.de.

†All authors contributed equally.

Abstract: Behavior is a way for organisms to respond flexibly to the environmental conditions they encounter. Our own species occurs in a variety of habits, sharing these with a large number of other species, but it remains unclear to what degree a shared environment constrains behavior. Here, we show that foraging human populations and non-human mammal and bird species who live in a given environment show high levels of similarity in their foraging, reproductive, and social behavior. Our findings suggest that local conditions may select for similar behaviors in both humans and non-human animals.

One sentence summary: The foraging, reproductive, and social behavior of humans, non-human mammals, and birds is similar within similar environments.

Main Text:

Wherever they live, animals show diverse behaviors to cope with the many challenges they face, from foraging for food to finding shelter and protection and meeting with mates for reproduction (1). In a given environment, a diversity of behavioral solutions might be expected given the differences in how animals experience and exploit their environment, in particular if species fill unique niches to reduce resource competition (2). At the same time, local ecological constraints might only permit a certain range of behaviors. In this case, species with similar behaviors would be expected to assemble in a given environment. Convergence of behavior to ecological conditions has been found among closely related species (3–5) and consistent influences of ecological conditions on evolutionary patterns across distantly-related taxonomic groups have been described for morphology (e.g., Bergman’s rule (6) or Allen’s rule (7)) or life history (8). Based on this interplay of competition and adaptation, we predict a limited subset of behaviors to exist at each locality, with similar behaviors found in similar environments around the world.

The role of ecological conditions in constraining behavioral variation is under particular debate for our own species, which has colonized essentially all terrestrial environments in the world. On the one hand, there is evidence that cultural processes are responsible for the large variation in behavior across societies (9) and that we humans build our own ecological niche (10). By influencing the local ecology, humans might also make it more difficult for species with similar behavior to co-exist (11). On the other hand, human behavioral ecology argues that, even if behavioral variation among societies primarily originates through cultural processes, the ecological constraints that influence behavior in other species generally also apply to our own species (12–14). We hence predict an interplay for humans, too. Different human societies might

acquire different behaviors through different paths, but specific behaviors will be present where they fit into the local environment (*15, 16, 17, 18*).

Here, we take a unifying perspective and scrutinize the central tenet of behavioral ecology that there are consistent and predictable adaptations to ecological conditions, which potentially operate across very distinct taxonomic groups. Specifically, we study whether the foraging, reproductive, and social behavior of humans, mammals (for ease of comparison, here and in the following we use the term mammal to refer to all species in the Class Mammalia excluding our own), and birds is more similar to the behavior of other species found in the same environment than to the behavior found in different environments.

We built our analysis around an ethnographic database providing data on the behavior of 339 human hunter-gatherer populations from around the world (*19*). Our focus is on small-scale subsistence-foraging human populations because these are generally tied to a more specific location. In addition, their reliance on acquiring food from the available local resources makes it more likely to detect ecological influences on behavior should they exist (*20*). For each of the human populations, we first identified all mammal and bird species that lived in the same location. We then identified 15 behavioral variables encoded in the human database for which closely comparative data existed for the non-human species (Tables S1-S3). We assigned the typically observed behavior to each species (because both the extent of and availability of data on behavioral variation within other species is limited) and computed average mammal and bird behavior at the different locations. We were thus able to analyze the association between human, mammal, and bird behavior across locations (Figure 1).

Our results show that foraging human populations and mammals and bird species who share a local environment converge in their foraging, reproductive, and social behaviors (Figure 2).

Specifically, for foraging behavior (also see Figure S5), we detected strong associations in diet composition, with (i) human populations relying more on hunting terrestrial vertebrates for food where a higher proportion of local mammals and birds rely on vertebrates and (ii) humans relying more on aquatic organisms where a higher proportion of local mammals and birds eat fish; (iii) in the reliance of humans on food storage and the proportion of the local mammals and birds that hoard food; (iv) in short-term movements to acquire resources, with human populations being central place foragers (which is usually associated with longer day ranges due to local resource depletion) where mammals have longer daily foraging trips (no bird data); (v) in long-term movements between resource locations, with humans moving longer distances between foraging locations where birds migrate longer distances (no mammal data); and in (vi) the total distribution area occupied by a human population and the local mammal and bird species.

For reproductive behavior (also see Figure S6), we found that (vii) global variation in the age of first reproduction is linked across humans, mammals, and birds; (viii) males are more likely to monopolize matings in certain places, with a higher proportion of human men being married to multiple women, more mammals living in unstable groups (providing monopolization potential (21)), and bird males investing more into their plumage to attract multiple females; (ix) where humans marry outside their group, mammals show longer breeding dispersal movements but birds show shorter ones; and (x) splits between mating partners are more likely in some areas, with divorce permitted in human populations and bird pairs more likely to split up each year.

For social behavior (also see Figure S7), our analyses revealed that (xi) the relative role of fathers contributing resources to offspring differed, where in locations in which human men provide a higher proportion of the diet for their family, males contribute to the feeding and

carrying of offspring in a higher proportion of mammal species and are the sole providers of parental care in a higher proportion of bird species; (xii) where humans live in higher densities, so do other mammals and birds; (xiii) in locations in which residential group sizes in humans are larger, social group sizes of mammals are larger and birds are more likely to forage in groups than solitary; and (xiv) where human populations have social classes, more mammals and birds have a social system with dominant breeders and subordinate non-breeding helpers.

We did not find consistent associations between humans, mammals, and birds for patrilocality, where males stay at and females move away from their place of birth.

Similarities in the behavior of humans, mammals, and birds appear to result from selection pressures of the local environment. First, associations across species decline when we include ecological variables as covariates to explain the variation in behavior (biomes, latitude, altitude, proximity to coast) (Figure 2, results with ecological controls), which is consistent with the argument that ecological conditions constrain behavior. Second, associations between the same ecological variables and behaviors are very similar across humans, mammals, and birds (Figure 3). Third, human behavior from one location matches that of animals found at another location with the same ecological characteristics (Figure 2, results for animals from ecologically similar areas), corroborating that associations arise from a consistent influence of ecological factors rather than spatial autocorrelation. Local convergence of behavior across species occurs in all environments and the associations are not the result of extreme behaviors in extreme environments (Figure S2, results with controls for coastal and (sub)arctic areas). In line with this evidence, while the associations in behavior across species are strongest when tested in the large world-wide sample, most associations are also present on a smaller scale when tested in an independent dataset of human populations in North America (Figure S4). Our results recapture

several of the previously described associations between specific ecological factors and individual human (22, 23) or non-human behavior (3–5), suggesting that combining findings from different taxonomic groups might lead to a deeper understanding of how ecology shapes behavior.

Overall, our results highlight that environmental conditions appear to constrain the behavior of humans and other animals in similar ways. While our findings cannot reveal the processes of adaptation and how ecology interacts with cultural transmission processes that shape behavior, they suggest that there generally tends to be a specific set of behavioral solutions to the environmental challenges at a given location that is shared by humans, mammals, and birds. This pervasive influence of ecology on behavior raises the question of whether the behavioral diversity of modern human populations still reflects local ecological conditions even though agriculture, market integration, and technology might modulate the response of behavior to local conditions.

References and Notes:

1. N. B. Davies, J. R. Krebs, S. A. West, *An Introduction to Behavioural Ecology* (John Wiley & Sons, Chichester, 2012).
2. M. S. Di Bitetti, C. D. De Angelo, Y. E. Di Blanco, A. Paviolo, Niche partitioning and species coexistence in a Neotropical felid assemblage. *Acta Oecologica*. **36**, 403–412 (2010).
3. P. H. Harvey, M. D. Pagel, *The Comparative Method in Evolutionary Biology* (Oxford university press Oxford, Oxford, 1991), vol. 239.
4. J. H. Crook, The evolution of social organisation and visual communication in the weaver

- birds (Ploceinae). *Behav. Suppl.*, 1–201 (1964).
5. D. R. Rubenstein, P. Abbot, *Comparative Social Evolution* (Cambridge University Press, Cambridge, UK., 2017).
 6. S. Meiri, T. Dayan, On the validity of Bergmann's rule. *J. Biogeogr.* **30**, 331–351 (2003).
 7. M. R. E. Symonds, G. J. Tattersall, Geographical variation in bill size across bird species provides evidence for Allen's rule. *Am. Nat.* **176**, 188–197 (2010).
 8. K. Healy, T. Guillaume, S. Finlay, A. Kane, S. B. A. Kelly, D. McClean, D. J. Kelly, I. Donohue, A. L. Jackson, N. Cooper, Ecology and mode-of-life explain lifespan variation in birds and mammals. *Proc. R. Soc. B Biol. Sci.* **281**, 20140298 (2014).
 9. S. Mathew, C. Perreault, Behavioural variation in 172 small-scale societies indicates that social learning is the main mode of human adaptation. *Proc. R. Soc. B Biol. Sci.* **282**, 20150061 (2015).
 10. J. Kendal, J. J. Tehrani, J. Odling-Smee, Human niche construction in interdisciplinary focus. *Philos. Trans. R. Soc. B Biol. Sci.* **366**, 785–792 (2011).
 11. N. L. Boivin, M. A. Zeder, D. Q. Fuller, A. Crowther, G. Larson, J. M. Erlandson, T. Denham, M. D. Petraglia, Ecological consequences of human niche construction: Examining long-term anthropogenic shaping of global species distributions. *Proc. Natl. Acad. Sci.* **113**, 6388–6396 (2016).
 12. M. Tallavaara, J. T. Eronen, M. Luoto, Productivity, biodiversity, and pathogens influence the global hunter-gatherer population density. *Proc. Natl. Acad. Sci.* **115**, 1232–1237 (2018).
 13. C. D. Forde, *Habitat, Economy and Society* (Methuen & Co., London, 1934).

14. B. Winterhalder, E. A. Smith, Analyzing adaptive strategies: Human behavioral ecology at twenty-five. *Evol. Anthropol. Issues, News, Rev.* **9**, 51–72 (2000).
15. V. V Venkataraman, T. S. Kraft, N. J. Dominy, K. M. Endicott, Hunter-gatherer residential mobility and the marginal value of rainforest patches. *Proc. Natl. Acad. Sci.* **114**, 3097–3102 (2017).
16. K. Hawkes, K. Hill, J. F. O’CONNELL, Why hunters gather: optimal foraging and the Ache of eastern Paraguay. *Am. Ethnol.* **9**, 379–398 (1982).
17. M. B. Mulder, Behavioural ecology in traditional societies. *Trends Ecol. Evol.* **3**, 260–264 (1988).
18. G. R. Brown, T. E. Dickins, R. Sear, K. N. Laland, Evolutionary accounts of human behavioural diversity. *Philos. Trans. R. Soc. B Biol. Sci.* **366**, 313–324 (2011).
19. L. Binford, *Constructing frames of reference: An Analytical Method for Archaeological Theory Building Using Ethnographic and Environmental Data Sets* (University of California Press, Berkeley, 2001).
20. J. Helm, The ecological approach in anthropology. *Am. J. Sociol.* **67**, 630–639 (1962).
21. T. H. Clutton-Brock, Review lecture: mammalian mating systems. *Proc. R. Soc. London. B. Biol. Sci.* **236**, 339–372 (1989).
22. R. L. Kelly, *The lifeways of Hunter-gatherers: The Foraging Spectrum* (Cambridge University Press, 2013).
23. R. B. Lee, I. DeVore, *Man the Hunter* (Routledge, 2017).
24. K. R. Kirby, R. D. Gray, S. J. Greenhill, F. M. Jordan, S. Gomes-Ng, H. J. Bibiko, D. E. Blasi, C. A. Botero, C. Bowern, C. R. Ember, D. Leehr, B. S. Low, J. McCarter, W.

- Divale, M. C. Gavin, D-PLACE: A global database of cultural, linguistic and environmental diversity. *PLoS One*. **11** (2016), doi:10.1371/journal.pone.0158391.
25. J. G. Jorgensen, *Western Indians: Comparative Environments, Languages, and Cultures of 172 Western American Indian Tribes* (W.H. Freeman and Company, San Francisco, 1980).
 26. K. Hill, Constructing frames of reference: An analytical method for archeological theory building using ethnographic and environmental data Sets . Lewis R. Binford. *J. Anthropol. Res.* **58**, 416–419 (2002).
 27. International Union for Conservation of Nature. *Digital Distribution Maps on The IUCN Red List of Threatened Species*. Version 2 (2015). Available at <https://www.iucnredlist.org/resources/spatial-data-download>
 28. BirdLife International and Handbook of the Birds of the World. *Bird species distribution maps of the world*. Version 6.0 (2016). Available at <http://datazone.birdlife.org/species/requestdis>
 29. H. Wilman, B. J., S. J., de L. R. C., R. M., J. W, EltonTraits 1.0 : Species-level foraging attributes of the world ' s birds and mammals. *Ecology*. **95**, 2027 (2014).
 30. W. D. Kissling, L. Dalby, C. Fløjgaard, J. Lenoir, B. Sandel, C. Sandom, K. Trøjelsgaard, J. C. Svenning, Establishing macroecological trait datasets: Digitalization, extrapolation, and validation of diet preferences in terrestrial mammals worldwide. *Ecol. Evol.* **4**, 2913–2930 (2014).
 31. S. B. Vander Wall, Food hoarding in animals. *Food hoarding Anim.* (1990), doi:10.2307/5312.
 32. C. Carbone, G. Cowlshaw, N. J. B. Isaac, J. M. Rowcliffe, How far do animals go?

- Determinants of day range in mammals. *Am. Nat.* **165**, 290–297 (2005).
33. K. E. Jones, J. Bielby, M. Cardillo, S. A. Fritz, J. O'Dell, C. D. L. Orme, K. Safi, W. Sechrest, E. H. Boakes, C. Carbone, C. Connolly, M. J. Cutts, J. K. Foster, R. Grenyer, M. Habib, C. A. Plaster, S. A. Price, E. A. Rigby, J. Rist, A. Teacher, O. R. P. Bininda-Emonds, J. L. Gittleman, G. M. Mace, A. Purvis, PanTHERIA: A species-level database of life history, ecology, and geography of extant and recently extinct mammals. *Ecology*. **90**, 2648–2648 (2009).
 34. T. Garland Jr, Scaling the ecological cost of transport to body mass in terrestrial mammals. *Am. Nat.* **121**, 571–587 (1983).
 35. D. Sol, N. Garcia, A. Iwaniuk, K. Davis, A. Meade, W. A. Boyle, T. Székely, Evolutionary divergence in brain size between migratory and resident birds. *PLoS One*. **5**, 1–8 (2010).
 36. J. M. Jeschke, H. Kokko, The roles of body size and phylogeny in fast and slow life histories. *Evol. Ecol.* **23**, 867–878 (2009).
 37. C. A. Botero, R. Dor, C. M. McCain, R. J. Safran, Environmental harshness is positively correlated with intraspecific divergence in mammals and birds. *Mol. Ecol.* **23**, 259–268 (2014).
 38. E. Arriero, A. P. Møller, Host ecology and life-history traits associated with blood parasite species richness in birds. *J. Evol. Biol.* **21**, 1504–1513 (2008).
 39. K. L. Kramer, R. Schacht, A. Bell, Adult sex ratios and partner scarcity among hunter–gatherers: Implications for dispersal patterns and the evolution of human sociality. *Philos. Trans. R. Soc. B Biol. Sci.* **372**, 20160316 (2017).
 40. J. N. Fenner, Cross-cultural estimation of the human generation interval for use in

- genetics-based population divergence studies. *Am. J. Phys. Anthropol. Off. Publ. Am. Assoc. Phys. Anthropol.* **128**, 415–423 (2005).
41. M. Szołtysek, S. Klüsener, R. Poniati, S. Gruber, The patriarchy index: A new measure of gender and generational inequalities in the past. *Cross-Cultural Res.* **51**, 228–262 (2017).
 42. D. Lukas, T. Clutton-Brock, Comparative studies need to rely both on sound natural history data and on excellent statistical analysis. *R. Soc. Open Sci.* **4** (2017), doi:10.1098/rsos.171211.
 43. D. Lukas, T. Clutton-Brock, Costs of mating competition limit male lifetime breeding success in polygynous mammals. *Proc. R. Soc. B Biol. Sci.* **281**, 20140418 (2014).
 44. J. Dale, C. J. Dey, K. Delhey, B. Kempenaers, M. Valcu, The effects of life history and sexual selection on male and female plumage colouration. *Nature.* **527**, 367–370 (2015).
 45. F. J. Pérez-Barbería, I. J. Gordon, M. Pagel, The origins of sexual dimorphism in body size in ungulates. *Evolution (N. Y.)*. **56**, 1276–1285 (2002).
 46. O. Krüger, J. B. W. Wolf, R. M. Jonker, J. I. Hoffman, F. Trillmich, Disentangling the contribution of sexual selection and ecology to the evolution of size dimorphism in pinnipeds. *Evolution (N. Y.)*. **68**, 1485–1496 (2014).
 47. R. Bleiweiss, Covariation of sexual dichromatism and plumage colours in lekking and non-lekking birds: a comparative analysis. *Evol. Ecol.* **11**, 217–235 (1997).
 48. A. P. Møller, T. R. Birkhead, The evolution of plumage brightness in birds is related to extrapair paternity. *Evolution (N. Y.)*. **48**, 1089–1100 (1994).
 49. R. H. Wagner, Hidden leks: sexual selection and the clustering of avian territories. *Ornithol. Monogr.*, 123–145 (1998).

50. A. Cockburn, A. H. Dalziell, C. J. Blackmore, M. C. Double, H. Kokko, H. L. Osmond, N. R. Beck, M. L. Head, K. Wells, Superb fairy-wren males aggregate into hidden leks to solicit extragroup fertilizations before dawn. *Behav. Ecol.* **20**, 501–510 (2009).
51. A. Trochet, V. M. Stevens, M. Baguette, Evolution of sex-biased dispersal. **91**, 297–320 (2016).
52. K. E. Mabry, E. L. Shelley, K. E. Davis, D. T. Blumstein, D. H. van Vuren, Social mating system and sex-biased dispersal in mammals and birds: A Phylogenetic Analysis. *PLoS One.* **8**, 1–9 (2013).
53. D. Lukas, T. H. Clutton-Brock, Group structure, kinship, inbreeding risk and habitual female dispersal in plural-breeding mammals. *J. Evol. Biol.* **24**, 2624–2630 (2011).
54. G. D. Sutherland, A. S. Harestad, K. Price, K. P. Lertzman, Scaling of natal dispersal distances in terrestrial birds and mammals. *Ecol. Soc.* **4** (2000), doi:10.1890/1051-0761(2000)004[0166:SCND]2.0.CO;2.
55. J. M. Jeschke, H. Kokko, Mortality and other determinants of bird divorce rate. *Behav. Ecol. Sociobiol.* **63**, 1–9 (2008).
56. D. Lukas, T. H. Clutton-Brock, The evolution of social monogamy in mammals. *Science* (80-.). **341**, 526–530 (2013).
57. A. Cockburn, Prevalence of different modes of parental care in birds. *Proc. R. Soc. B Biol. Sci.* **273**, 1375–1383 (2006).
58. J. Winking, M. Gurven, H. Kaplan, J. Stieglitz, The goals of direct paternal care among a South Amerindian population. *Am. J. Phys. Anthropol. Off. Publ. Am. Assoc. Phys. Anthropol.* **139**, 295–304 (2009).
59. L. T. Gettler, A. H. Boyette, S. Rosenbaum, Broadening perspectives on the evolution of human paternal care and fathers' effects on children. *Annu. Rev. Anthropol.* **49** (2020).

60. F. W. Marlowe, A critical period for provisioning by Hadza men: Implications for pair bonding. *Evol. Hum. Behav.* **24**, 217–229 (2003).
61. D. Lukas, T. Clutton-Brock, Cooperative breeding and monogamy in mammalian societies. *Proc. R. Soc. B Biol. Sci.* **279**, 2151–2156 (2012).
62. M. Griesser, S. M. Drobniak, S. Nakagawa, C. A. Botero, Family living sets the stage for cooperative breeding and ecological resilience in birds. *PLoS Biol.* **15**, 1–17 (2017).
63. J. E. Smith, S. Gavrilets, M. B. Mulder, P. L. Hooper, C. El Mouden, D. Nettle, C. Hauert, K. Hill, S. Perry, A. E. Pusey, M. van Vugt, E. A. Smith, Leadership in mammalian societies: Emergence, distribution, power, and payoff. *Trends Ecol. Evol.* **31**, 54–66 (2016).
64. J. M. Kamilar, N. Cooper, Phylogenetic signal in primate behaviour, ecology and life history. *Philos. Trans. R. Soc. B Biol. Sci.* **368** (2013), doi:10.1098/rstb.2012.0341.
65. K. B. Strier, P. C. Lee, A. R. Ives, Behavioral flexibility and the evolution of primate social states. *PLoS One.* **9** (2014), doi:10.1371/journal.pone.0114099.
66. K. N. Balasubramaniam, K. Dittmar, C. M. Berman, M. Butovskaya, M. A. Cooper, B. Majolo, H. Ogawa, G. Schino, B. Thierry, F. B. M. de Waal, Hierarchical steepness and phylogenetic models: Phylogenetic signals in Macaca. *Anim. Behav.* **83**, 1207–1218 (2012).
67. C. Groves, Species Concept in Primates. *Am. J. Primatol.* **74**, 687–691 (2012).
68. J. V. Henderson, T. Squires, A. Storeygard, D. Weil, The global distribution of economic activity: Nature, history, and the role of trade. *Q. J. Econ.* **133**, 357–406 (2018).
69. T. Barsbai, V. . Licuanan, A. Steinmayr, E. Tiongson, D. Yang, “Information and the Acquisition of Social Network Connections,” *NBER Working Paper No. 27346* (2020).

70. J. A. List, A. M. Shaikh, Y. Xu, Multiple hypothesis testing in experimental economics. *Exp. Econ.* **22**, 773–793 (2019).

Acknowledgments: We thank Ian Crawford, Gillian Brown, Josep Call, Simon Gaechter, Joe Henrich, Kim Hill, Kevin Laland, Corina Logan, Matthias Sutter, Andy Whiten and participants of various conferences/seminars for helpful comments and discussions.

Funding: We did not receive specific funding to conduct this study. During the study, T.B. was supported by the University of Bristol, the University of St Andrews and the Kiel Institute for the World Economy, D.L. was supported by the Department of Human Behavior, Ecology and Culture at the Max Planck Institute for Evolutionary Anthropology, and A.P. was supported by the University of Bonn.

Ethics: The data we used are publicly available and cannot be used to identify individuals.

Author contributions: All authors contributed equally to this work. Authors are arranged alphabetically.

Competing interests: We, the authors, declare that we have no financial conflicts of interest in relation to the content of this article.

Data and materials availability: All data and code are available at <https://doi.org/10.5281/zenodo.4159697>

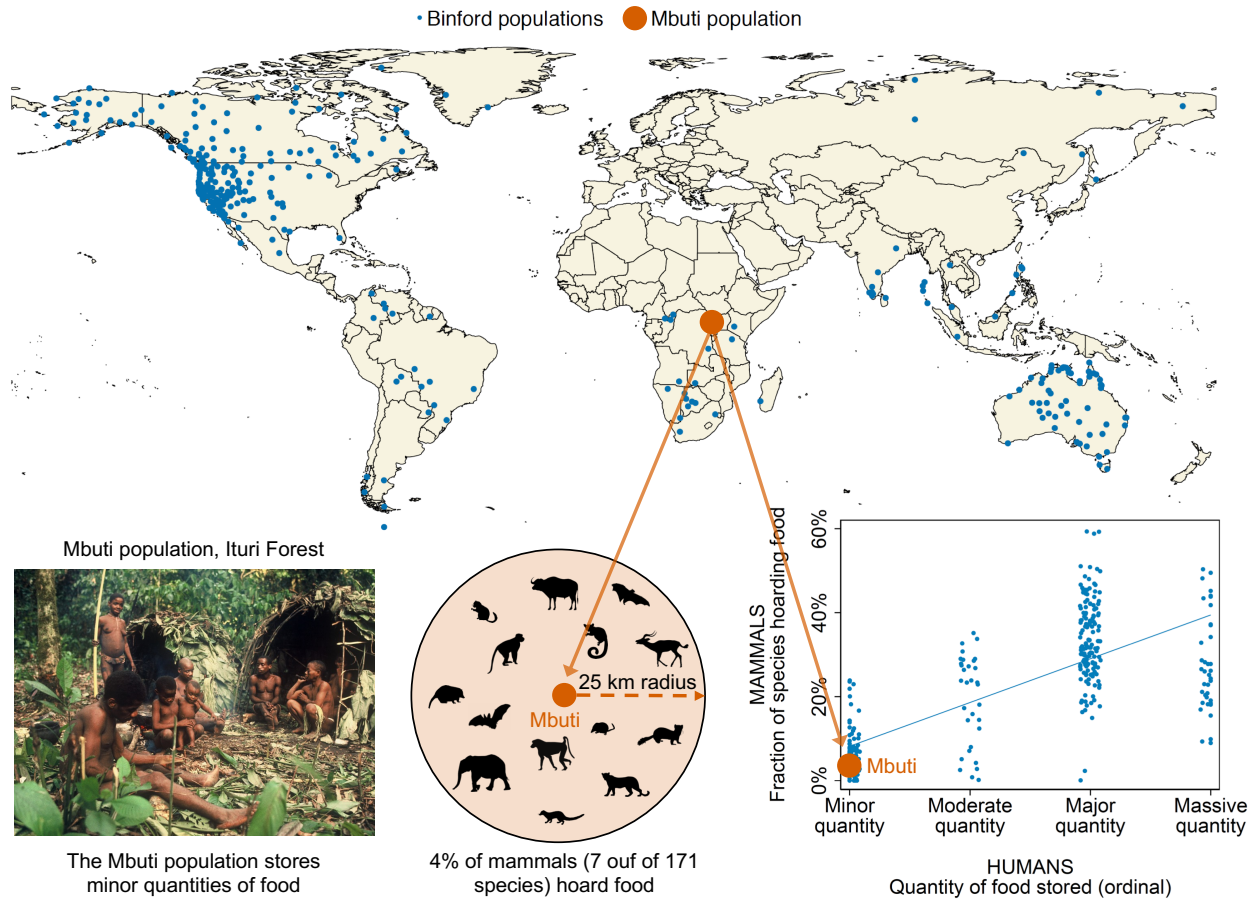


Fig. 1. Matching the behavioral variation of foraging humans, mammals, and birds around the world. For each of the 339 small-scale subsistence-foraging populations from around the world (dots on map), we determined which mammal and bird species lived in the same location and computed their average behavior. For example, in the Mbuti population, who live in the African rainforests, food storage is only minor and four percent of the 171 mammal species living within a 25 km radius around the center of their population hoard food. Combining this information across populations shows that generally in locations where food storage among humans is more common, a higher proportion of local mammal species hoard food, as indicated by the upward slope in the scatter plot.

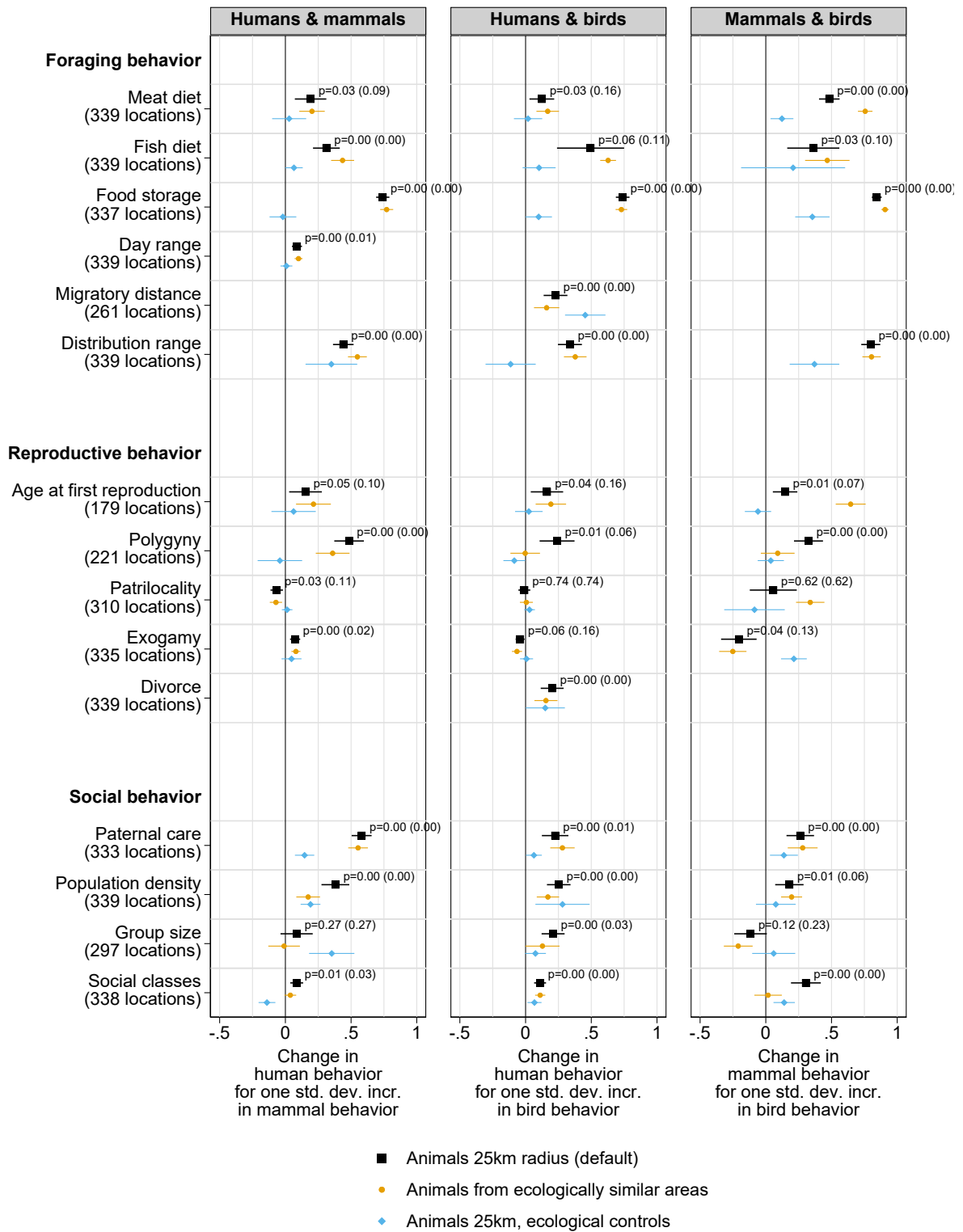


Fig. 2. Association in behavior between humans, mammals, and birds living at the same location. Dots show the estimated marginal effect of an OLS regression and lines the 90 percent confidence interval. For the main specification, the figure also provides the unadjusted p-value and a p-value that is adjusted for multiple testing in parentheses. All variables are standardized with mean zero and standard deviation of one. The marginal effect hence shows by how many standard deviations human behavior changes for a one standard deviation increase in mammal behavior (column 1), by how many standard deviations human behavior changes for a one standard deviation increase in bird behavior (column 2), and by how many standard deviations mammal behavior changes for a one standard deviation increase in bird behavior (column 3). For binary outcomes, the marginal effect reflects the change in the likelihood of a positive outcome for a one standard deviation increase in mammal or bird behavior. We present estimates from three different specifications: (i) average behavior of all non-human species found within a 25 km radius of the center of the range of human populations (main specification), (ii) average behavior of non-human species in ecologically similar areas, (iii) same as (i) but additionally controlling for ecological conditions.

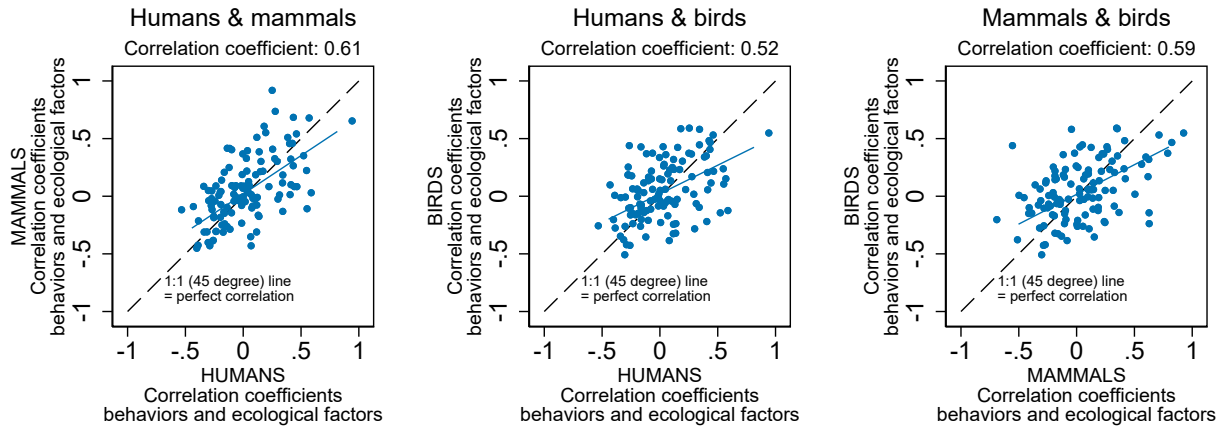


Fig. 3. Similarity in the correlation between behaviors and ecological factors across humans, mammals, and birds living at the same location. These plots visualize the similarity in correlation coefficients between different behaviors and ecological factors for humans, mammals, and birds. They reflect correlations between all twelve behaviors that we observe for the three groups and ten ecological variables (main biomes, in which Binford populations are located, latitude, altitude, proximity to coast). See Figure S11 for more details on the underlying correlations.



Supplementary Materials for

Local convergence of behavior across species

Toman Barsbai, Dieter Lukas and Andreas Ponderfer

Correspondence to toman.barsbai@bristol.ac.uk, dieter.lukas@eva.mpg.de, and
andreas.ponderfer@uni-bonn.de

This PDF file includes:

Data	(pages 3 to 16)
Methods	(pages 17 to 23)
Figs. S1 to S11	(pages 24 to 37)
Tables S1 to S7	(pages 38 to 55)

Contents

Data	3
Human data.....	3
Data on the range distribution of mammals.....	4
Data on the range distribution of birds	5
Overview of human and non-human variables	5
Methods.....	17
Matching of human and animal data	17
Computing average animal behavior.....	17
Statistical analysis	18
Robustness	20
Association between ecological factors and behaviors.....	22
Fig. S1. Global map of Binford's and Jorgensen's populations	24
Fig. S2. Results from alternative specifications (Binford populations).....	26
Fig. S3. Comparing OLS and Logit estimates (Binford populations).....	27
Fig. S4. Results based on Jorgensen's dataset.....	29
Fig. S5. Scatter plots for foraging behavior (Binford populations).....	30
Fig. S6. Scatter plots for reproductive behavior (Binford populations)	31
Fig. S7. Scatter plots for social behavior (Binford populations)	32
Fig. S8. Scatter plots for foraging behavior (Jorgensen populations).....	33
Fig. S9. Scatter plots for reproductive behavior (Jorgensen populations).....	34
Fig. S10. Scatter plots for social behavior (Jorgensen populations).....	35
Fig. S11. Correlation between ecological factors and behaviors	37
Tab. S1. Overview of variables used for measuring foraging behavior	38
Tab. S2. Overview of variables used for measuring reproductive behavior.....	39
Tab. S3. Overview of variables used for measuring social behavior.....	40
Tab. S4. Descriptive statistics (Binford populations).....	41
Tab. S5. Descriptive statistics (Jorgensen populations).....	42
Tab. S6. List of mammal species used in the analysis.....	43
Tab. S7. List of bird species used in the analysis	55

Data

Human data

We use the ethnographic data provided by Binford (2001) (19) for the main analysis. Binford's dataset describes cultural practices of 339 hunter-gatherer populations located in Africa (n=20), Asia (n=28), Australia (n=56), North America (n=215), and South America (n=20). All populations are geo-located with information on the latitude and longitude of the centroids of their ranges. In the section below, we describe the variables that we use from Binford's dataset and any transformations of the data prior to analysis. Table S4 provides summary statistics for these variables. The map in Figure S1 shows the location of each population.

We use Binford's dataset because it has a few advantages over other potential datasets (e.g., Murdock's Ethnographic Atlas). First, it only covers so-called hunter-gatherer populations, small-scale subsistence foraging populations that acquire most of their own resources directly rather than relying on trade and, while potentially relying on horticulture and few domestic animals, do not practice large-scale agriculture or pastoralism. Resource acquisition is therefore localized, creating a more direct link to the local ecology. Second, for most populations the "focal year" (i.e., the time period to which the cultural data refers) is in the 19th century. More precisely, 2% of populations have a focal year before the 19th century, 63% of populations have a focal year in the 19th century, and 33% of populations have a focal year in the 20th century (for 2% of populations the focal year is missing) (24). Having a focal year before the 20th century for most populations somewhat limits the recent shift towards globalization and market integration and the associated cultural and technological exchange. Third, the dataset provides the best set of variables for directly comparing human and animal behavior.

For robustness, we repeat our analyses with data on 172 Western North American populations provided by Jorgensen (1980) (25). In the section below we describe the variables that we use from Jorgensen's dataset and any transformations of the data prior to analysis. Table S5 provides summary statistics for these variables. The map in Figure S1 shows the location of each population.

The data collection of Binford has been considered less stringent than that of Jorgensen (26), but the potential noise in the coding of the variables in the Binford dataset should, if anything, reduce our power to detect a signal rather than lead to an artificial result. In addition, compared to Binford's dataset, Jorgensen's dataset is more limited in the direct comparability of human and animal behavior and most of the variables provided by Jorgensen are ordinal or categorical thus offering relatively little variation.

Both datasets including a detailed description are available at the Database of Places, Language, Culture, and Environment (D-place): <https://d-place.org/contributions> (24). Tables S1-S3 provide a short description of the human variables. In the following, we explain how we construct the different measures of human behavior in both datasets.

Data on the range distribution of mammals

Our data on the spatial distribution of mammals comes from the International Union for Conservation of Nature (IUCN, 2015) (27). The data covers 5,396 species, i.e. almost all wild mammals. The data includes taxonomic variables (i.e., species, genus, family, and order) and categories specifying the level of threat (i.e., least concern, near threatened, vulnerable, endangered and critically endangered). The data aims to provide the current known distribution of each species within its native range. The limits of distribution can be determined by using

known occurrences of the species, along with the knowledge of habitat preferences, remaining suitable habitat, elevation limits, and other expert knowledge of the species and its range.

The data covers both extant (still existent) and extinct animals (going back until 1500). We thus have information about the historical ranges in which a given mammal no longer exists. It allows us to control for recent extinctions by using the distribution as of 1500. This particular feature minimizes potential biases that could arise from comparing historical human data that largely refer to the 19th or 20th century and modern-day animal data. For details see: <https://www.iucnredlist.org/resources/spatial-data-download>.

Data on the range distribution of birds

Our data on the spatial distribution of birds comes from BirdLife International and the Handbook of the Birds of the World (28). The data covers more than 11,000 species. The data includes scientific and common names used, the authority (for the original description of the taxon), the latest global IUCN Red List category (i.e., least concern, near threatened, vulnerable, endangered and critically endangered), taxonomic notes where relevant, and a record ID number unique to the taxonomic entity. Similar to the mammal data, the bird data has information on the level of certainty that a given bird exists in an area. For details see: <http://datazone.birdlife.org/species/taxonomy>.

Overview of human and non-human variables

In the following, we explain how we construct the different measures of human, mammal, and bird behavior. We also clarify why we selected these variables for each behavior. Tables S1-S3 provide a short description of all human, mammal, and bird variables used in the analysis.

Behavior	Species	Definition	Source
Meat diet	Humans	Binford: Dependence on terrestrial animals (in %). Based on the continuous variable ‘hunting’. Jorgensen: Diet contributed by large game, small animals, and fowl (in %). Based on the ordinal variable ‘v204’.	(19), (25)
	Mammals	Binary variable that takes the value 1 if the diet of the species includes other mammals and birds and 0 otherwise.	(29)
	Birds	Binary variable that takes the value 1 if the diet of the species includes other mammals and birds and 0 otherwise.	(29)
	<i>Notes – These variables reflect a similar reliance on meat in all three groups.</i>		
Fish diet	Humans	Binford: Dependence on aquatic organisms (in %). Based on the continuous variable ‘fishing’. Jorgensen: Diet contributed by aquatic animals (in %). Based on the ordinal variable ‘v199’.	(19), (25)
	Mammals	Binary variable that takes the value 1 if the diet of the species includes fish and 0 otherwise.	(30)
	Birds	Binary variable that takes the value 1 if the diet of the species includes fish and 0 otherwise.	(29)
	<i>Notes – These variables reflect a similar reliance on fish and aquatic organisms in all three groups.</i>		
Food storage	Humans	Binford: Quantity of food stored. Based on the ordinal variable ‘qtstor’. Jorgensen: Multiple storage sites (binary). Based on the categorical variable ‘v215’.	(19), (25)
	Mammals	Binary variable that takes the value 1 if the species is food-hoarding and 0 otherwise.	(31)
	Birds	Binary variable that takes the value 1 if the species is food-hoarding and 0 otherwise.	(31)
	<i>Notes – These variables reflect a similar reliance on stored food resources in all three</i>		

groups.

Day range	Humans	Binford: Central place foraging (binary). Based on the categorical variable 'mobpat'. The variable is defined as 'central place collecting' or 'central place foraging'. Jorgensen: n/a	(19), (25)
	Mammals	Day range in km. The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of day range on body mass (in grams).	(32), (33)
	Birds	n/a <i>Notes – These variables represent a short-term measure of space use that at least in part reflects food resource needs of mammals (Garland 1983). Central place foragers quickly deplete resources nearby their home base and therefore often have longer day ranges than mobile foragers. For birds, we are not aware of a comparable variable that covers a sufficiently large number of species.</i>	(34)
Migratory distance	Humans	Binford: Distance moved per year by average household (in km). Based on the continuous variable 'kmov'. Jorgensen: Non-sedentary settlement (binary). Based on the categorical variable 'v284'. Non-sedentary settlement is defined as 'degree of settlement of the community is that of migratory or nomadic bands occupying temporary camps for brief periods successively throughout the year', 'that of seminomadic communities temporary camps for much of the year but aggregated in a fixed settlement at some season or seasons, e.g., recurrently occupied winter quarters', 'rotating settlements, i.e., two or more permanent or semipermanent settlements occupied successively at different seasons', or 'semisedentary settlements occupied throughout the year by at least a nucleus of the community's population, but from which a substantial proportion of the population departs seasonally to occupy shifting camps,	(19), (25)

		e.g., on extended hunting or fishing trips or during pastoral transhumanance’.	
	Mammals	n/a	
	Birds	Migratory distance (in km). The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of migratory distance on body mass (in grams).	(35), (36)
		<i>Notes – These variables reflect the need for individuals to shift between seasonally depleting environments and the diversity of environments they are likely to encounter. For mammals, we are not aware of a comparable variable that covers a sufficiently large number of species.</i>	
Distribution range	Humans	Binford: Area occupied (in 100 square kilometers). Based on the continuous variable ‘area’. The variable was transformed using natural logarithm.	(19), (25)
		Jorgensen: n/a	
	Mammals	Area of breeding distribution (in 100 square kilometers). The variable was transformed using the natural logarithm.	(37)
	Birds	Area of breeding distribution (in 100 square kilometers). The variable was transformed using the natural logarithm.	(37)
		<i>Notes – These variables measure the total area occupied by a given population/species and reflect the extent to which individuals might be able to exploit diverse environments.</i>	
Age at first reproduction	Humans	Binford: Male age at first marriage. Based on the continuous variable ‘agem’.	(19), (25)
		Jorgensen: n/a	
	Mammals	Age (measured in days) when individuals are first physically capable of reproducing, defined as either physically sexually mature, age at first mating or unspecified (males and females), age at first estrus or age at first pregnancy (females only), age at spermatogenesis or age at testes descent (males only). The variable was normalized by	(33)

		body weight. It is based on the residuals from an ordinary least square regression of age at first reproduction on body mass (in grams).	
Birds		Minimum age at first breeding (measured in years). The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of age at first reproduction on body mass (in grams).	(38), (36)
		<i>Notes – These variables reflect the best estimate for the age at which individuals are likely to have their first offspring.</i>	(39),(40), (41)
		<i>For humans, age at first marriage was selected because data on age at first birth is only available for very small samples (e.g., 6 societies in Kramer et al. (2017) and 10 societies in Fenner (2005)).</i>	
		<i>Male age at first marriage was selected because it is a more precise measure of actual age at first reproduction than female age at first marriage. In the Binford data, average age at first marriage for women is 14, while for men it is 21 (85% of women are 16 or younger at first marriage). The limited data on hunter-gatherer maternal age at first birth (Fenner 2005) gives an average age of 19 (with a range from 17-23). This pattern fits accounts that women, in particular in polygynous populations, are married well before they start to regularly give birth (Fenner et al. 2005, Szoltysek et al. 2017). Male age at first marriage in contrast appears to provide a more accurate measure of age at first reproduction.</i>	
		<i>For mammals and birds, average age at first reproduction for males does not exist for many species because it requires genetic approaches to establish paternity for individuals who have been known since birth.</i>	
Polygyny	Humans	Binford: Fraction of males married polygynously (in %). Based on the continuous variable ‘polygreco’.	(19), (25)
		Jorgensen: Extent of polygyny (ordinal). Based on the ordinal variable ‘v294’.	

Mammals	<p>Unstable groups: Binary variable that takes the value 1 if the species lives in unstable groups and 0 otherwise. (42), (43)</p> <p>Harems: Binary variable that takes the value 1 if the species lives in harems and 0 otherwise.</p>
Birds	<p>Male plumage score, reflecting the extent to which the plumage colouration of a male of a given species differs from that of females of his own and other related species. (44)</p> <p><i>Notes – These variables reflect the extent to which at times individual males mate with multiple females while other males mate with none. (21), (45), (46), (47), (48), (44), (49), (50)</i></p> <p><i>For humans, the Binford data includes only information on the fraction of males that are married polygynously. The variable taken from Jorgensen describes all forms of plural marriage.</i></p> <p><i>For mammals and birds, information on actual mating behavior does not exist for most species. We selected variables that reflect male mating behavior and the likely extent to which males differ in their mating success.</i></p> <p><i>In mammals, individual males are expected to be able to monopolize matings and exclude other males when females aggregate in groups (Clutton-Brock 1989) and comparative studies show that polygyny appears to increase in species in which females form loose associations (Perez-Barbeira et al. 2002, Krüger et al. 2014). This is in contrast to solitary species in which males are less able to monopolize females, monogamous species in which males generally mate with a single partner, and stable groups where generally all males mate with the females in the group. As a robustness check, we also compared species in which individuals associate in harems, a social structure with groups containing a single male and multiple females, to species with other social structures. We did not use</i></p>

harems as our main measure because it reflects a social structure, whereas polygynous mating could also be present in species in which males form leks or other social structures.

In birds, the social system does not necessarily reflect the mating system. We decided on a measure that is available for a large number of species and likely reflects the extent to which males mate with multiple females. Plumage data are available for 6,000 bird species. Both lekking behavior (Bleiweiss 1997) and extra-pair paternity (Moller and Birkhead 1994) do correlate with male plumage scores, and strong sexual selection on males is associated with an increase of male coloration (Dale et al. 2015). Data on lekking behaviour is available only for a smaller set of species, restricted to certain taxonomic families (150 lekking species versus 250 non-lekking species), and several researchers have argued that in birds breeding in large colonies a 'hidden lek' phenomena might occur where some males mate with multiple females (Wagner1998, Cockburn et al. 2009). Data on extrapair paternity is also available for less than 400 species because it requires genetic data.

Patrilocal	Humans	<p>Binford: Patrilocal as established family (binary). Based on the categorical variable 'fres2'. Patrilocal is defined as 'ambilocal, but with virilocal bias' or 'virilocal'.</p> <p>Jorgensen: Patrilocal after marriage (binary). Based on the categorical variable 'v308'. Patrilocal is defined as 'virilocal household, where husband and wife live with (or near) his kinsmen, but not necessarily his father' or 'patrilocal household, where husband and wife live with (or near) his father'.</p>	(19), (25)
	Mammals	<p>Binary variable that takes the value 1 if the female mammal leaves and the male stays in the area in which they were born and 0 otherwise.</p>	(51–53)

	Birds	Binary variable that takes the value 1 if natal dispersal is biased towards males and 0 if natal dispersal is biased towards females. <i>Notes – These variables reflect the extent to which females at maturity leave the social group in which they were born to reproduce elsewhere across all three groups.</i>	(51)
Exogamy	Humans	Binford: Exogamous (binary). Based on the ordinal variable ‘commun’. Exogamous is defined as ‘exogamous’ (not including ‘exogamous clan’). Jorgensen: Exogamous (binary). Based on the categorical variable ‘v301’. Exogamous is defined as ‘community marriage pattern are those of exogamous communities, where there is a marked tendency or rule for marriage partners to come from different communities’.	(19), (25)
	Mammals	Dispersal distance (in km). The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of dispersal distance on body mass (in grams).	(54), (33)
	Birds	Dispersal distance (in km). The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of dispersal distance on body mass (in grams). <i>Notes – These variables reflect the extent to which dispersing individuals move to an area unfamiliar to them and/or without individuals to whom they are related or with whom they have previously interacted.</i> <i>For humans, we used the variable exogamy to create a binary scoring to contrast populations in which individuals are leaving their social group from populations in which individuals might remain in their social group but marry into a different lineage or within the same lineage.</i> <i>For mammals and birds, we used the scaled (to body size) distance that individuals move prior to their first breeding, with longer</i>	(54), (36)

distances making it less likely that individuals end up close to kin or in familiar environments.

Divorce	Humans	Binford: Ease of divorce (ordinal). Based on the ordinal variable ‘divorce’. It measures the difficulty of obtaining a sanctioned divorce within the society. It includes the following categories: ‘Not permitted or very difficult’, ‘publically adjudicated’ and ‘easy to obtain’. Jorgensen: n/a	(19)
	Mammals	n/a	
	Birds	Yearly divorce rate (in %). It is defined as the number of divorced pairs divided by the total number of pairs where both partners survived from one year to the next.	(55)
<p><i>Notes – These variables reflect the likelihood that a given pair will split. For humans, we assume that a higher social acceptability of divorce reflects a higher rate of divorce as it would be associated with lower social costs. For mammals, we are not aware of a comparable variable that covers a sufficiently large number of species.</i></p>			
Paternal care	Humans	Binford: Diet derived from male labor (in %). Based on the continuous variable ‘mdivlab’. Jorgensen: n/a	(19), (25)
	Mammals	Binary variable that takes the value 1 if the male mammal regularly takes care of offspring (feeding or carrying them) and 0 otherwise.	(56)
	Birds	Binary variable that takes the value 1 if only male birds take care of feeding offspring and 0 otherwise.	(57)
<p><i>Notes – These variables reflect the extent to which offspring rely on energetic contributions by males (their fathers) relative to those contributed by their mothers.</i></p> <p><i>For humans, the Binford data is limited to information on diet derived from male labor (in %). There is no measure of direct investment of males in offspring. While direct care of men for children is important, in</i></p>			

many populations it occurs at relatively low rates, much less than the direct care provided by mothers and usually also less than the direct care provided by some non-parents. In contrast, food contributions appear to be an important part when considering the relative role of fathers versus mothers in offspring investment (e.g., Winking et al. (2009), Gettler et al. (2020)). In particular, food contributed by men appears to help when women have very young offspring (e.g., Marlowe (2003).

In mammals, we defined paternal care to occur when males contributed food or carried offspring, energetically costly behaviors that directly (and only) benefit the offspring.

In birds, we focused on species in which only males contributed to the building of nests, guarding or warming of eggs, and guarding or feeding of offspring.

Population density	Humans	Binford: Population density. Based on the continuous variable ‘density’. The variable was transformed using the natural logarithm. Jorgensen: Population density (ordinal). Based on the ordinal variable ‘v288’.	(19), (25)
	Mammals	Number of individuals per square kilometer. The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of population density on body mass (in grams).	(33)
	Birds	Number of individuals per square kilometer. The variable was normalized by body weight. It is based on the residuals from an ordinary least square regression of dispersal distance on body mass (in grams).	(36)

Notes – These variables define the number of interacting individuals within a given area similar across the three groups. We controlled for body size for the species’ average because small species generally have higher density, so uncontrolled values might simply reflect a higher number of

smaller species in a given area.

Group size	Humans	Binford: Consumer group size. Based on the continuous variable 'group2'. It is defined as the mean size of the consumer group that regularly camps together during the most aggregated phase of the yearly economic cycles. Jorgensen: Group size (ordinal). Based on the ordinal variable 'v286'.	(19), (25)
	Mammals	Social group size. Number of individuals, adults or definition unspecified in a group that spends the majority of their time in a 24 hour cycle together where there is some indication that these individuals form a social cohesive unit, measured over any duration of time, using non-captive populations. The variable was normalized by body weight. It is based on the predicted residuals from an ordinary least square regression of social group size on body mass (in grams).	(33)
	Birds	Binary variable that takes the value 1 if birds forage in large groups (> 30 individuals) and 0 otherwise. <i>Notes – These variables compare the size of groups of individuals that forage together and therefore might be in direct competition over resources.</i> <i>For humans, we used consumer group size as it most likely captures the group of individuals that exploits the same limited area during active foraging.</i> <i>For mammals, we used social group size as this reflects the number of individuals that are in regular contact during foraging. We scaled this for body size to account for the likely higher extent of resource competition among larger-sized species.</i> <i>For birds, we are not aware of a comparable variable that captures the actual numbers of individuals that regularly forage together for a sufficiently large number of species. We therefore relied on a binary classification splitting species in which individuals</i>	

normally forage together in groups from those in which individuals tend to forage on their own.

Social classes	Humans	Binford: Existence of social classes (binary). Based on the ordinal variable 'systage3'. Existence of social classes is defined as 'mounted hunters', 'generic hunter-gatherers with instituted leadership', 'wealth-differentiated hunter-gatherers', or 'stratified or characterized by elite and privileged leaders'. Jorgensen: n/a	(19), (25)
	Mammals	Binary variable that takes the value 1 if mammals are cooperative breeders and 0 otherwise.	(61)
	Birds	Binary variable that takes the value 1 if birds are cooperative non-kin breeders and 0 otherwise.	(62)
		<i>Notes – These variables reflect the extent to which individuals within a society might have different roles and reproductive success.</i> <i>For humans, institutionalized leadership in hunter-gatherer populations represents a form of social class distinction. Individuals who are leaders generally tend to have higher reproductive success (Smith et al. 2016).</i> <i>For mammals, cooperative breeders are societies in which there is a dominant breeding pair who produce most of the offspring and adult subordinate non-reproducing helpers who care for the offspring of the dominant pair. Individuals accordingly differ both in their role and in their reproductive success.</i> <i>For birds, non-kin cooperative breeders are societies in which there is generally a single dominant breeding pair and adults who have joined the group but do not reproduce. Again, there is a distinction between individuals in roles and reproductive success. We did not include kin cooperative breeders in birds because these generally reflect</i>	(63)

species in which non-dispersed individuals provide care to the offspring of a dominant pair. These non-dispersed individuals might not yet be adults, so the stratification is reflected by age and not by role.

Methods

Matching of human and animal data

To associate each human population with mammals and birds, we used geo-packages provided by the statistical software Stata. First, we applied the shp2dta command to convert the GIS shapefiles of mammal and bird distribution data into Stata datasets. Next, we used the module geocircles to generate a 25 km radius around the centroid (longitude and latitude) of each human population. To check robustness of our results, we also generated a 100 km radius around the centroid of populations. We chose a 25 km radius because it is close to the average distance per move of a human population in Binford's dataset. Next, we used the Stata module geoinpoly to identify all mammals and birds that live within a 25 km (100 km) radius around the centroid of each human population.

Computing average animal behavior

To compute average animal behavior at the location of each human population, we first determined which mammal and bird species lived at each location. Tables S6 and S7 provide a full list of mammal and bird species included in the analysis. We then used the data on animal behavior listed above and assigned the typically observed behavior to each species. This allowed us to compute average animal behavior at the different locations. Averages based on binary-coded animal behavior represent the fraction of species with that behavior. Averages based on

continuous variables are computed via the sum of animal behavior divided by the number of animals. All averages are unweighted, i.e. all species carry equal weight.

Due to data constraints, we need to assume that the behavior of a species is the same across its distribution range. By doing so, we minimize potential local human impact on animal behavior and ignore variation within animal species. However, we generally do not have matching data for each location. Previous studies have shown that animal behavior of the kind included in our analyses appears to change relatively rarely and to show more variation between than within species (64, 65). Such signals of species-specificity of behavior (66) also occur because populations that differ in the behavioral traits included in our analyses have been classified as separate species (67). Our approach potentially reduces our power to detect associations, as any signal of similarity of behavior of humans, mammals, and birds might mainly arise from the subset of mammalian and avian species in the sample who have adapted to local environmental conditions.

Statistical analysis

To analyze the statistical association between human and animal behavior, we estimate simple regressions of the following form:

$$y_p = \alpha + \beta \text{ animalbehavior}_p + \varepsilon_p$$

where y_p is the human outcome of population p. animalbehavior_p is our measure of average mammal or bird behavior around population p. All variables are standardized with mean zero and standard deviation of one. We use ordinary least squares (OLS) with robust standard errors for all outcomes. For continuous outcomes, the marginal effect shows by how many standard deviations human behavior changes for a one standard deviation increase in mammal or bird

behavior. For binary outcomes, the marginal effect shows by how many percentage points the likelihood of a positive outcome changes for a one standard deviation increase in mammal or bird behavior.

In addition to the parsimonious main specification above, our main results in Figure 2 also include two additional specifications that examine the role of the local environment in explaining behavioral similarity across species. In the first specification, we used average behavior of non-human species in different, but ecologically similar locations. If behavioral similarity is indeed the result from selection pressures of the local ecological environment, ecological factors should operate consistently around the world. To test this hypothesis, we relied on global grid-cell data provided by Henderson et al. (2018) (68). The data cut the entire land area of the globe into 242,164 grid cells. We first determined the grid in which the centroid of each Binford (Jorgensen) population is located. As a next step, we exploited information on the biome, latitude, altitude and coastal proximity to identify ecologically similar grid cells in other parts of the globe. Ecologically similar grid cells were defined as having the same biome, a similar latitude (± 2.5 degrees), a similar altitude (± 250 meters), and the same proximity to the coast (coastal or non-coastal) as the original grid. On average, we identified 1502 similar grid cells for each grid in which a Binford population is located (the median is 683). We then computed average mammal and bird behavior for these ecologically similar grid cells and correlated it with human behavior in the original grid cells.

In the second specification, we used the main specification and additionally included the ecological variables mentioned above (biome, latitude, altitude, and coastal proximity). If similarities in the behavior of humans, mammals, and birds is the result from selection pressures

of the local ecological environment, the correlation should become weaker or even disappear once we control for ecology.

We also present adjusted p-values to address concerns related to multiple testing. To do so, we followed the flexible procedure described in Barsbai et al. (2020) (69). It is based on the procedure introduced by List et al. (2019) (70), which considers information about the dependence structure between hypotheses and thus yields greater statistical power to reject truly false null hypotheses compared to Bonferroni or Holm procedures. Adjusted p-values are calculated using a bootstrap with 10,000 replications. Our statistical inference does not change. Most correlations remain statistically significant at conventional levels of significance. This result reflects the already low unadjusted p-values.

Robustness

Our main specification relies on average behavior of all non-human species found within a 25 km radius of the center of the range of human populations. In Figure S2, we present results from alternative specifications.

First, we clustered standard errors at the level of language phylogenetic classifications (based on Binford's variable 'phyl'). We do so to control for the possibility that the human populations covered by Binford and Jorgensen might not be independent observations.

Second, we increased the radius to 100 km. The covered area is close to the average area occupied by a human population in Binford's dataset.

Third, we used the 25 km radius and averages of animal behavior based on genera, not species. To do so, we first determined the local average behavior of all species within genera. We then built averages across local genera averages of mammals and of birds. All genera hence

contribute equally to the final average. The use of genera averages reduces potential issues from sampling species that had recent radiations within an area where descendant species still share the same behavior, which could create phylogenetic biases.

Fourth, we used the main specification and additionally included a dummy indicating whether a Binford population is located above 55 degrees latitude (i.e., in an arctic or subarctic area) and a dummy indicating whether a Binford population is located on the coast. We can thus assess whether the almost inevitable reliance on meat diets in (sub)arctic areas and the availability of aquatic resources in coastal areas alone explain some of the observed associations, in particular those for diet types.

Fifth, we used the main specification and additionally included a dummy indicating whether gathering (as opposed to hunting or aquatics) provides the majority of nutritional intake of a Binford population. This is another way to assess whether the reliance on animal diet potentially confounds the observed associations.

Our results are remarkably robust to using these different specifications and confirm the results presented in the main analysis. There are only few exceptions: when additionally controlling for coastal and (sub)arctic areas, we no longer find a significant association for meat diet between humans and birds, for age at first reproduction, and for paternal care between humans and birds and birds and mammals; when using averages over genera averages, we no longer find a significant association for the migratory distance between humans and birds and for social classes between humans and birds; when additionally controlling for gathering providing the majority of nutritional intake, we no longer find a significant association for social classes between humans and mammals. The vast majority of our estimates, however, remains unchanged.

In Figure S3, we also show that our estimates are fully robust to using Logit models, not OLS, for binary human outcomes. There are no differences in the size and statistical significance of the estimated marginal effects.

In Figure S4, we replicate our analysis using Jorgensen's dataset. While the associations in behavior across species are strongest when tested with Binford's global dataset, many associations remain present in Jorgensen's dataset focusing on North American populations. We no longer find a positive and statistically significant association for meat diet between humans and mammals and humans and birds, for polygyny between humans and birds, and for exogamy between humans and mammals. Otherwise, the results are very similar to our main analysis based on Binford's dataset. A number of factors including considerably less variation in local ecological conditions, the smaller sample size, and the categorical/ordinal coding of the variables provided by Jorgensen potentially explain why the estimates for the Jorgensen dataset are similar, but less precise.

In Figures S5-S10, we present scatter plots of all described correlations. They document that the observed relationships are not driven by outliers or unusual non-linearities.

Association between ecological factors and behaviors

If selection pressures of the local environment indeed explain behavioral similarities across species, ecological factors should be similarly correlated with behaviors across humans, mammals, and birds. We test this conjecture in Figure S11, which shows the correlation coefficients of different behaviors and different ecological factors (main biomes, in which Binford populations are located, latitude, altitude and coastal proximity) in a heatmap. Indeed, most correlations have the same sign and often similar levels of magnitude. Figure 3 visualizes

the high similarity in the correlation between behaviors and ecological factors across humans, mammals, and birds.

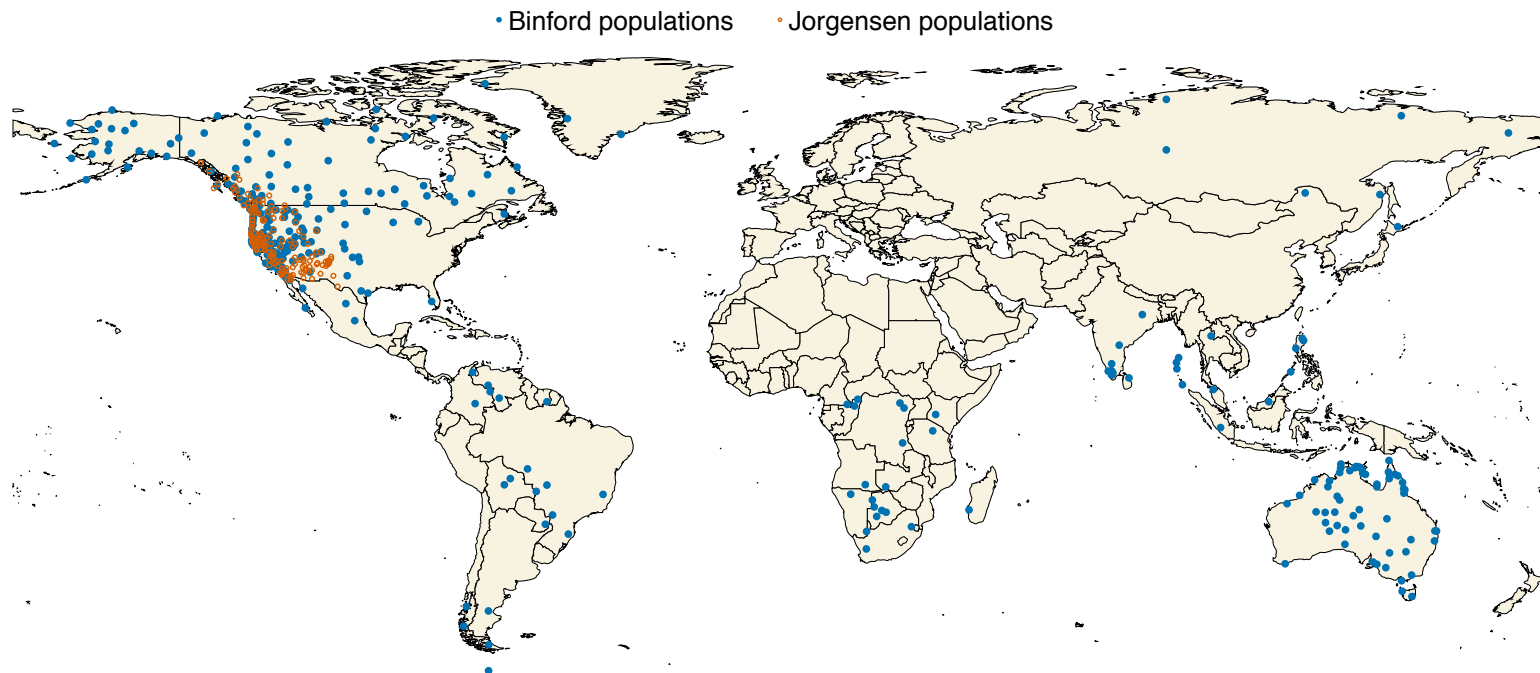


Fig. S1. Global map of Binford's and Jorgensen's populations

Map showing the centroids of Binford and Jorgensen hunter-gatherer populations.

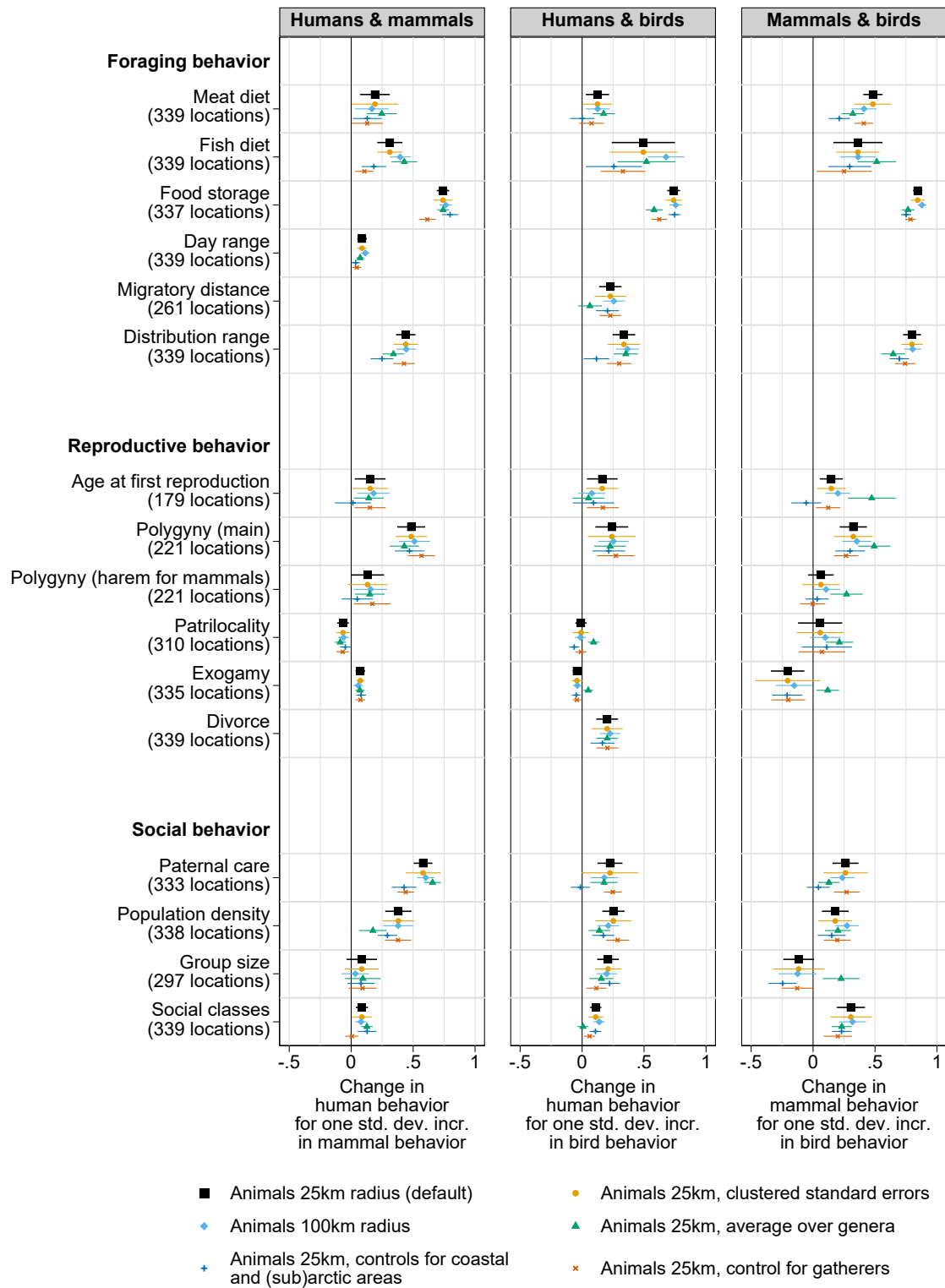


Fig. S2. Results from alternative specifications (Binford populations)

Correlation in behavior between humans (Binford populations) and other mammals, humans and birds, and mammals and birds living at the same location. Dots show the estimated marginal effect of an OLS regression and lines the 90 percent confidence interval. All variables are standardized with mean zero and standard deviation of one. The marginal effect hence shows by how many standard deviations human behavior changes for a one standard deviation increase in mammal behavior (column 1), by how many standard deviations human behavior changes for a one standard deviation increase in bird behavior (column 2), and by how many standard deviations mammal behavior changes for a one standard deviation increase in bird behavior (column 3). For binary outcomes, the marginal effect reflects the change in the likelihood of a positive outcome for a one standard deviation increase in mammal or bird behavior. We present estimates from five different specifications: (i) average behavior of all non-human species found within a 25 km radius of the center of the range of human populations (main specification), (ii) same as (i) but with standard errors clustered at the level of language phylogenetic classifications, (iii) same as (i) but with a radius of 100 km, (iv) same as (i) but average over genera averages, not individual species, (v) same as (i) but additionally controlling for coastal and (sub)arctic areas, (vi) same as (i) but additionally controlling for gathering providing the majority of nutritional intake. For details see section ‘Robustness’ in ‘Methods’.

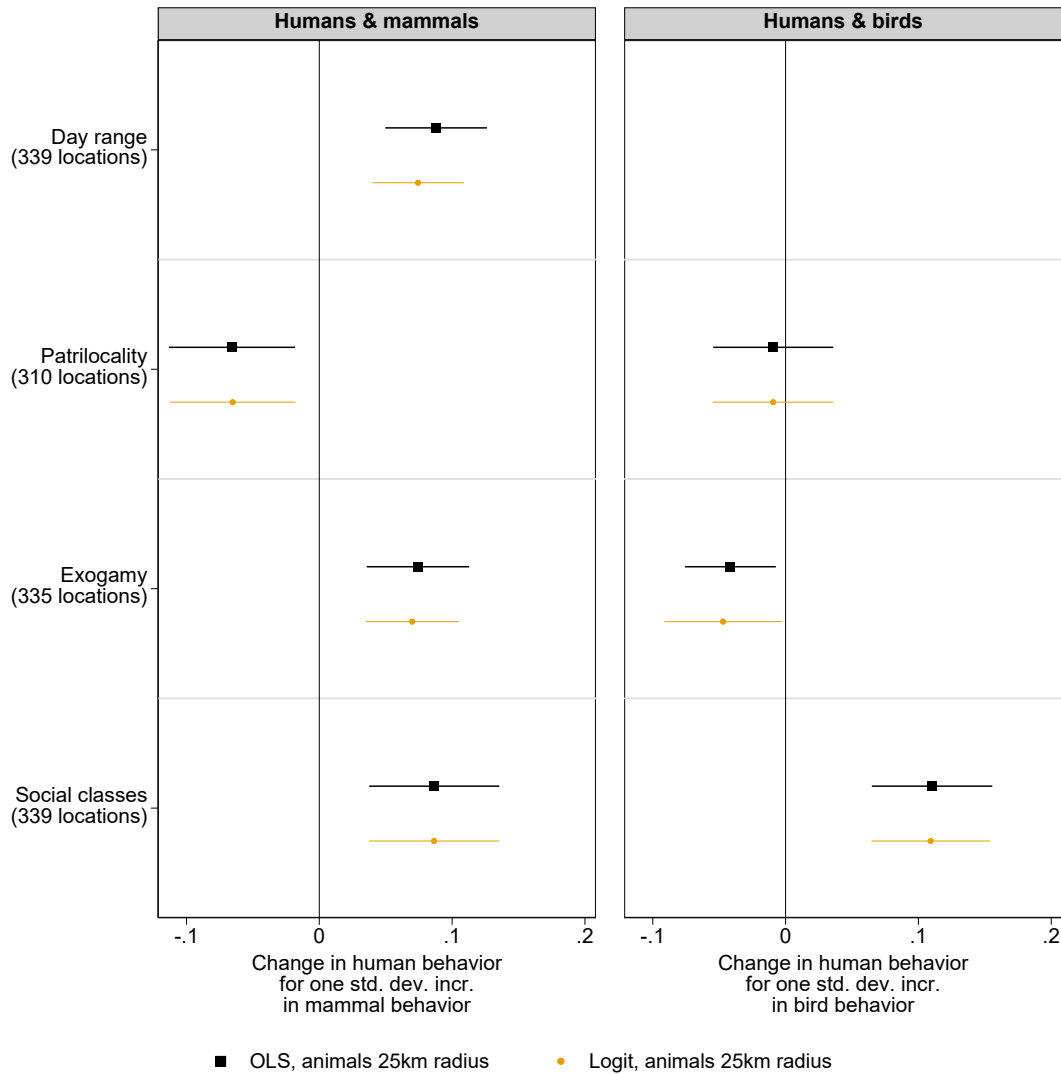


Fig. S3. Comparing OLS and Logit estimates (Binford populations)

Correlation in behavior between humans (Binford populations) and other mammals, humans and birds, and mammals and birds living at the same location. Dots show the estimated marginal effect of an OLS and Logit regression and lines the 90 percent confidence interval. All variables capturing mammal or bird behavior are standardized with mean zero and standard deviation of one. All human outcomes are binary. The marginal effect hence reflects the change in the likelihood of a positive outcome for a one standard deviation increase in mammal or bird behavior. We present estimates from our main specification that uses average behavior of all non-human species found within a 25 km radius of the center of the range of human populations.

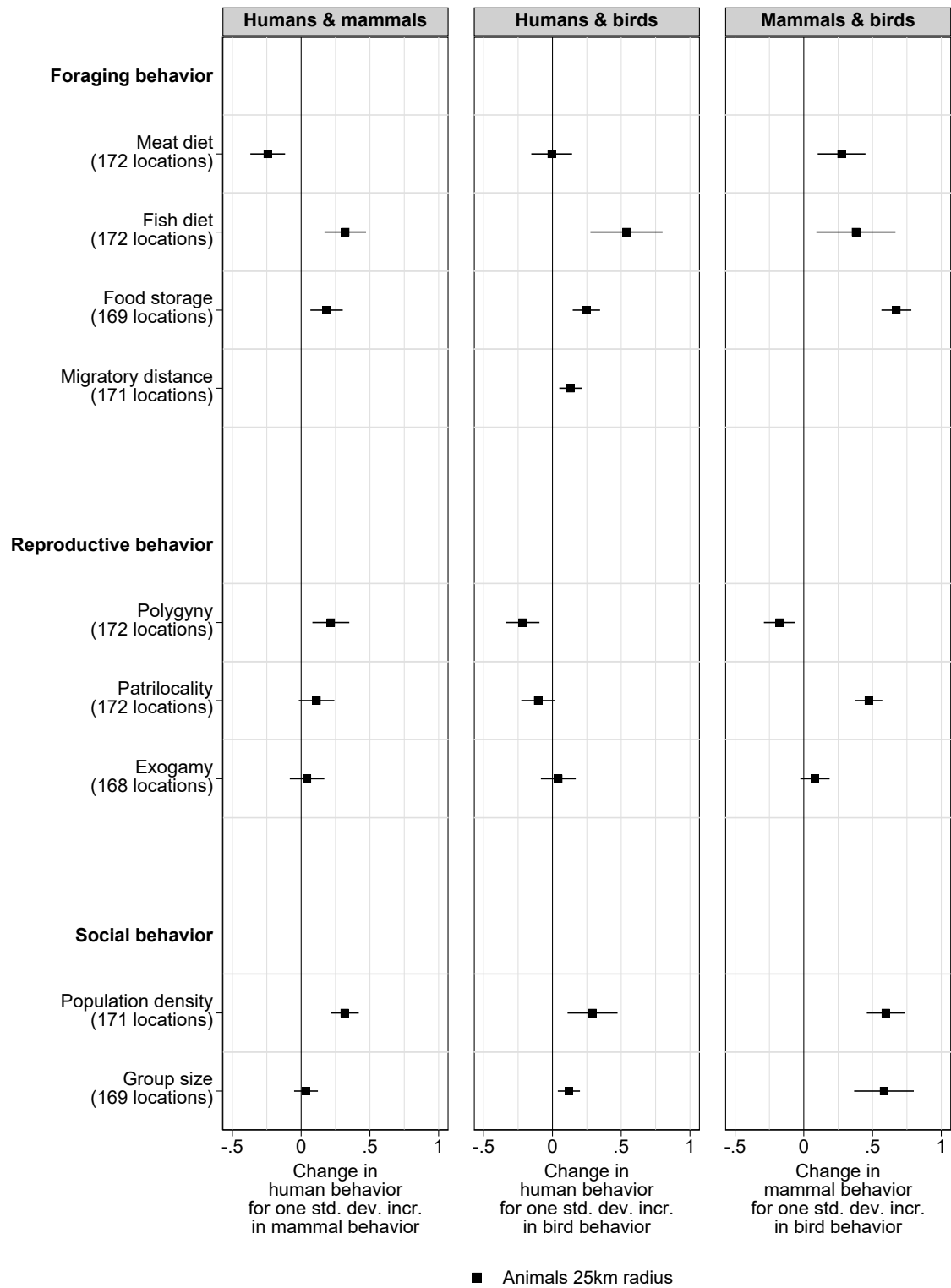


Fig. S4. Results based on Jorgensen's dataset

Correlation in behavior between humans (Jorgensen populations) and other mammals, humans and birds, and mammals and birds living at the same location. Dots show the estimated marginal effect of an OLS regression and lines the 90 percent confidence interval. All variables are standardized with mean zero and standard deviation of one. The marginal effect hence shows by how many standard deviations human behavior changes for a one standard deviation increase in mammal behavior (column 1), by how many standard deviations human behavior changes for a one standard deviation increase in bird behavior (column 2), and by how many standard deviations mammal behavior changes for a one standard deviation increase in bird behavior (column 3). For binary outcomes, the marginal effect reflects the change in the likelihood of a positive outcome for a one standard deviation increase in mammal or bird behavior. We present estimates from our main specification that uses average behavior of all non-human species found within a 25 km radius of the center of the range of human populations. For details see section 'Robustness' in 'Methods'.

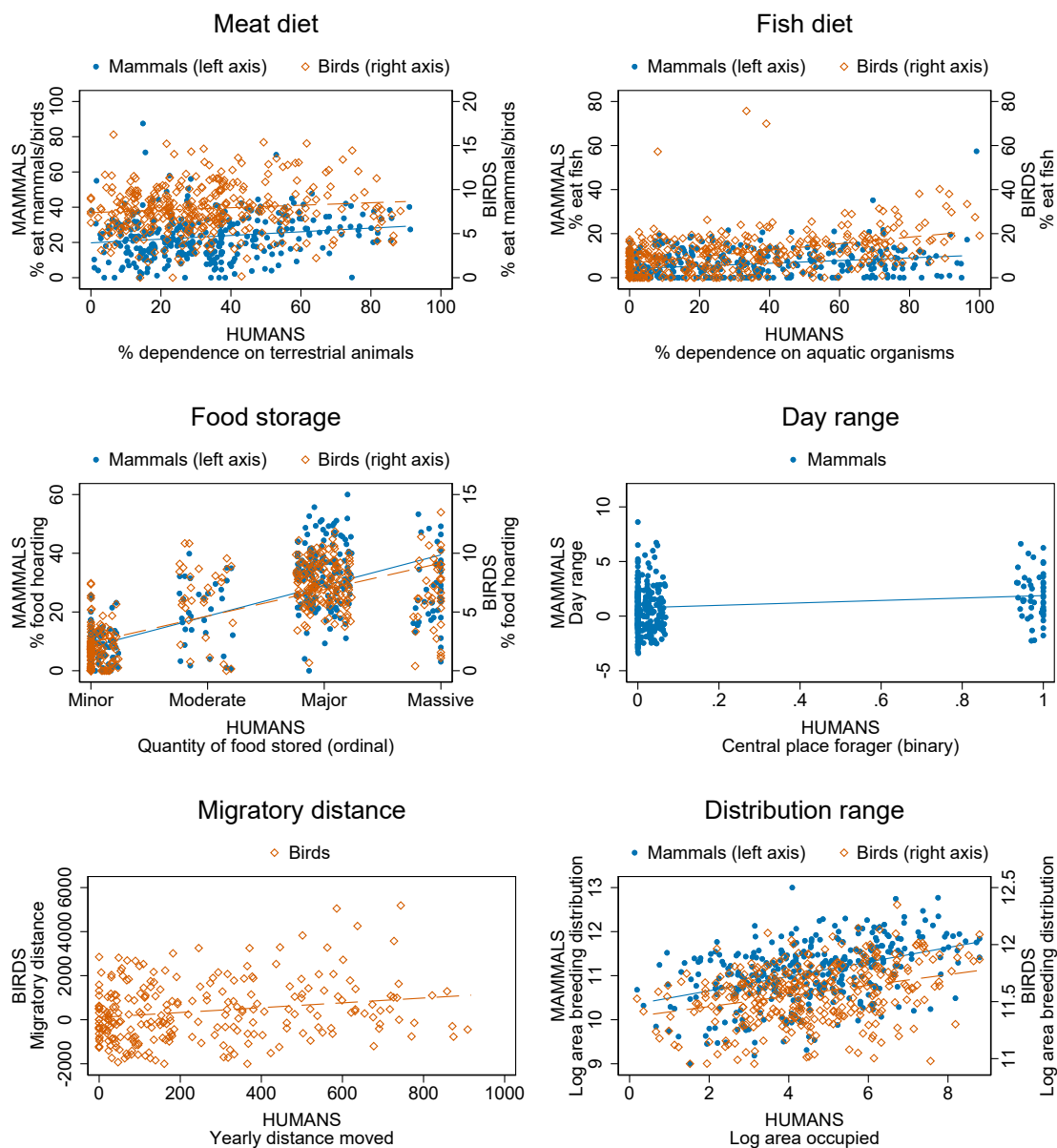


Fig. S5. Scatter plots for foraging behavior (Binford populations)

Scatter plots for foraging behavior of Binford populations and surrounding mammal and bird species. The solid (dashed) line shows the prediction of a linear regression of human behavior on mammal (bird) behavior. Scatter plots include some random noise to improve readability for categorical variables. For mammals and birds, we normalize day range and migratory distance by body weight of each species before computing average behavior across species. They can hence take negative values.

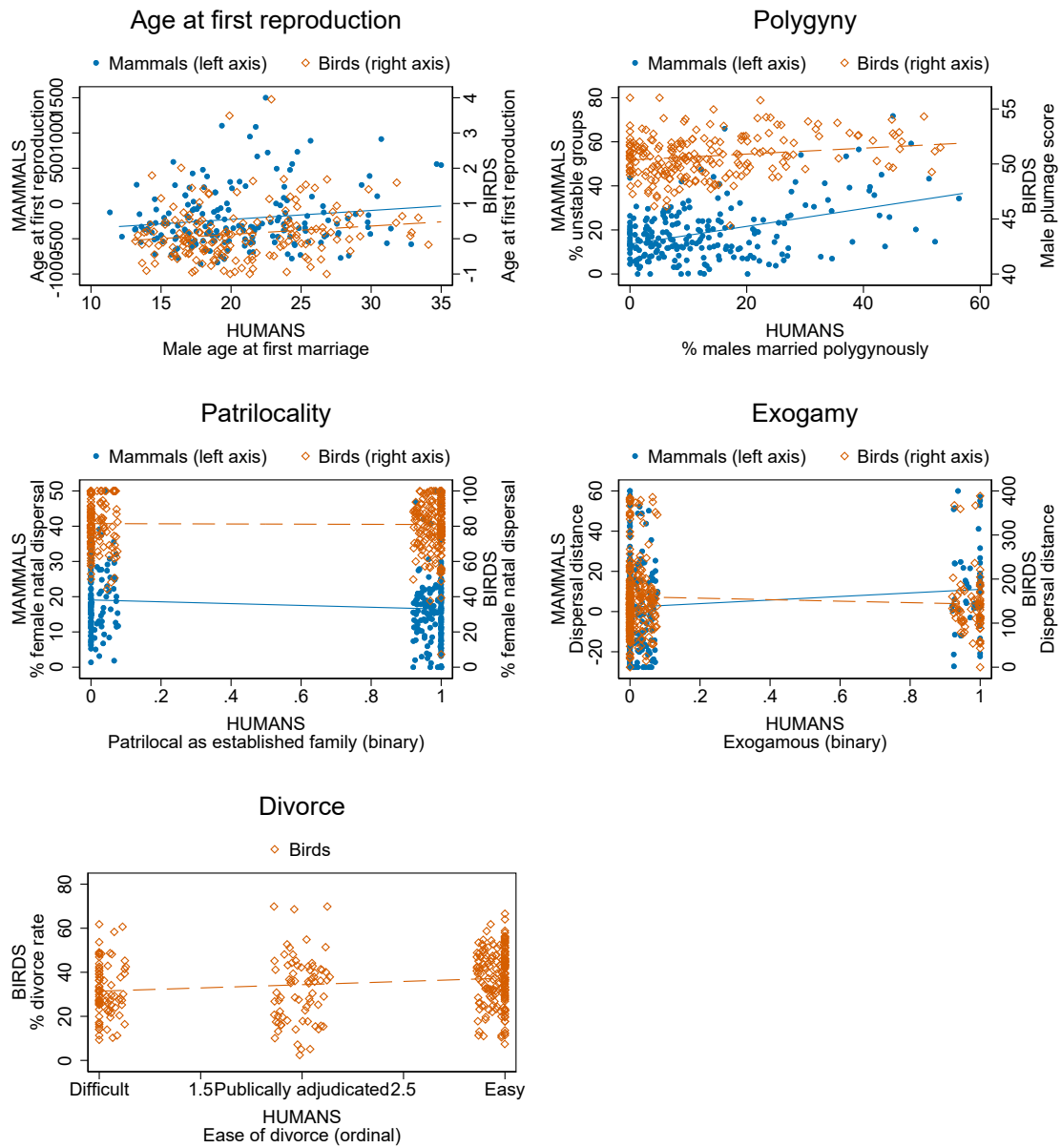


Fig. S6. Scatter plots for reproductive behavior (Binford populations)

Scatter plots for reproductive behavior of Binford populations and surrounding mammal and bird species. The solid (dashed) line shows the prediction of a linear regression of human behavior on mammal (bird) behavior. Scatter plots include some random noise to improve readability for categorical variables. For mammals and birds, we normalize age at first reproduction and dispersal distance by body weight of each species before computing average behavior across species. They can hence take negative values.

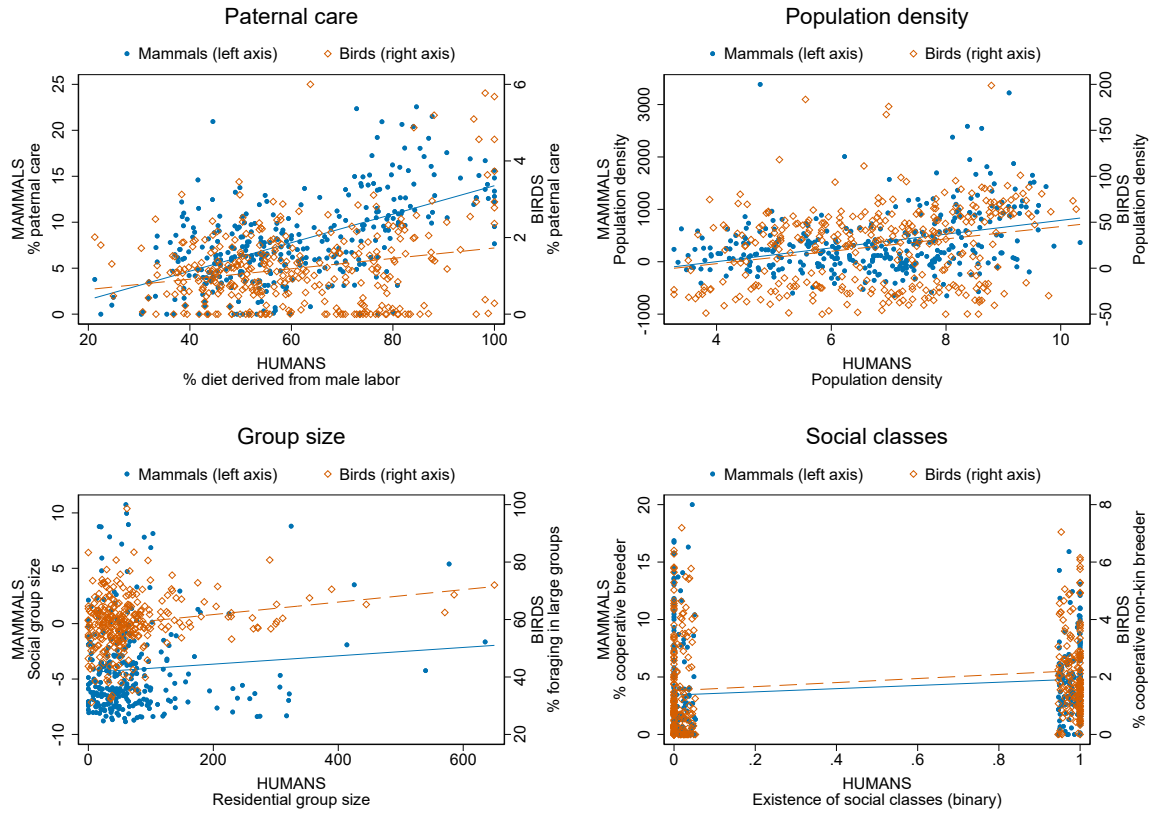


Fig. S7. Scatter plots for social behavior (Binford populations)

Scatter plots for social behavior of Binford populations and surrounding mammal and bird species. The solid (dashed) line shows the prediction of a linear regression of human behavior on mammal (bird) behavior. Scatter plots include some random noise to improve readability for categorical variables. For mammals and birds, we normalize population density and social group size by body weight of each species before computing average behavior across species. They can hence take negative values.

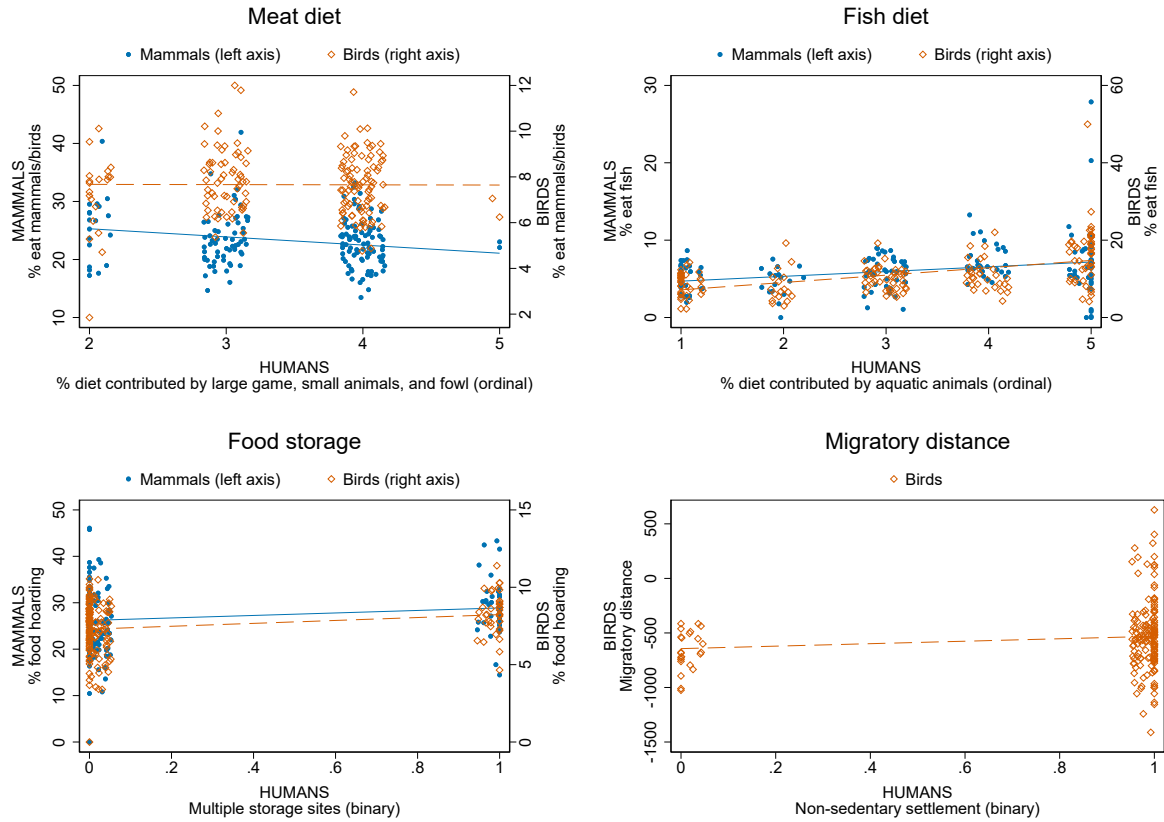


Fig. S8. Scatter plots for foraging behavior (Jorgensen populations)

Scatter plots for foraging behavior of Jorgensen populations and surrounding mammal and bird species. The solid (dashed) line shows the prediction of a linear regression of human behavior on mammal (bird) behavior. Scatter plots include some random noise to improve readability for categorical variables. For birds, we normalize migratory distance by body weight of each species before computing average behavior across species. It can hence take negative values.

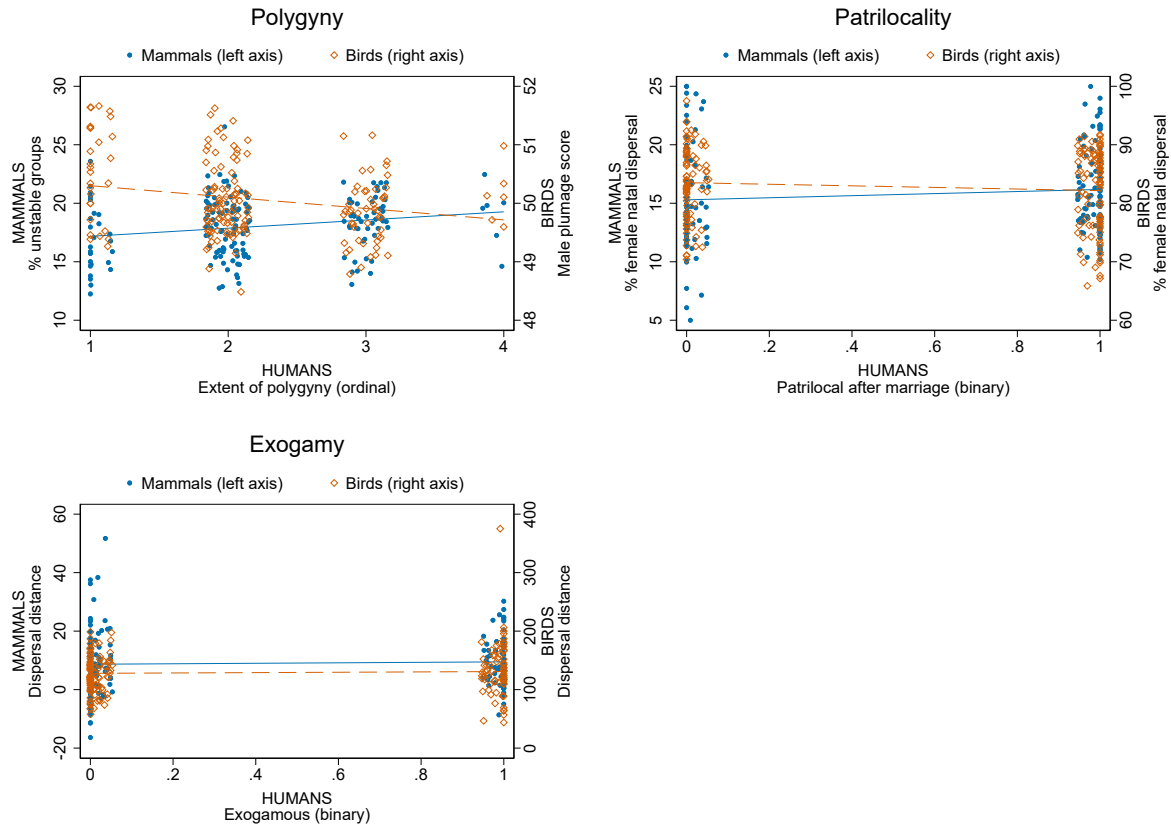


Fig. S9. Scatter plots for reproductive behavior (Jorgensen populations)

Scatter plots for reproductive behavior of Jorgensen populations and surrounding mammal and bird species. The solid (dashed) line shows the prediction of a linear regression of human behavior on mammal (bird) behavior. Scatter plots include some random noise to improve readability for categorical variables. For mammals and birds, we normalize dispersal distance by body weight of each species before computing average behavior across species. They can hence take negative values.

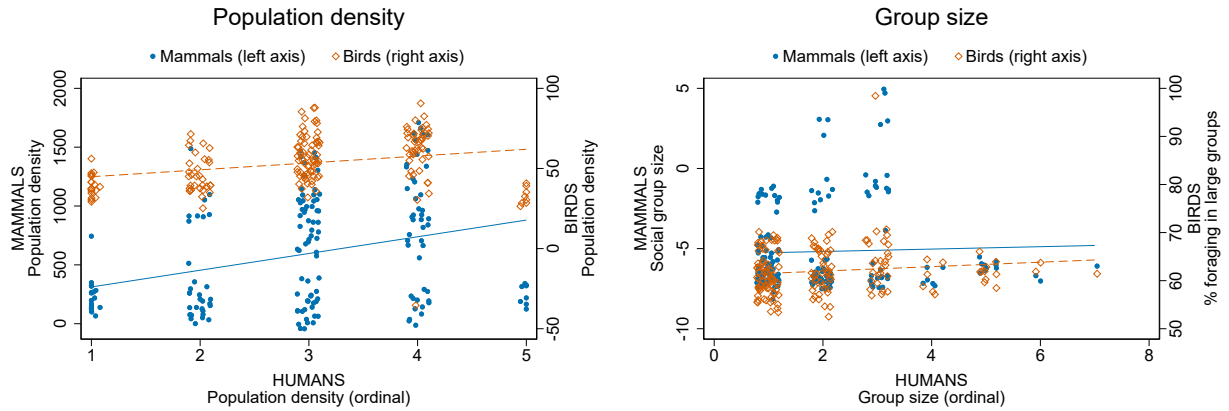


Fig. S10. Scatter plots for social behavior (Jorgensen populations)

Scatter plots for social behavior of Jorgensen populations and surrounding mammal and bird species. The solid (dashed) line shows the prediction of a linear regression of human behavior on mammal (bird) behavior. Scatter plots include some random noise to improve readability for categorical variables. For mammals and birds, we normalize population density and social group size by body weight of each species before computing average behavior across species. They can hence take negative values.

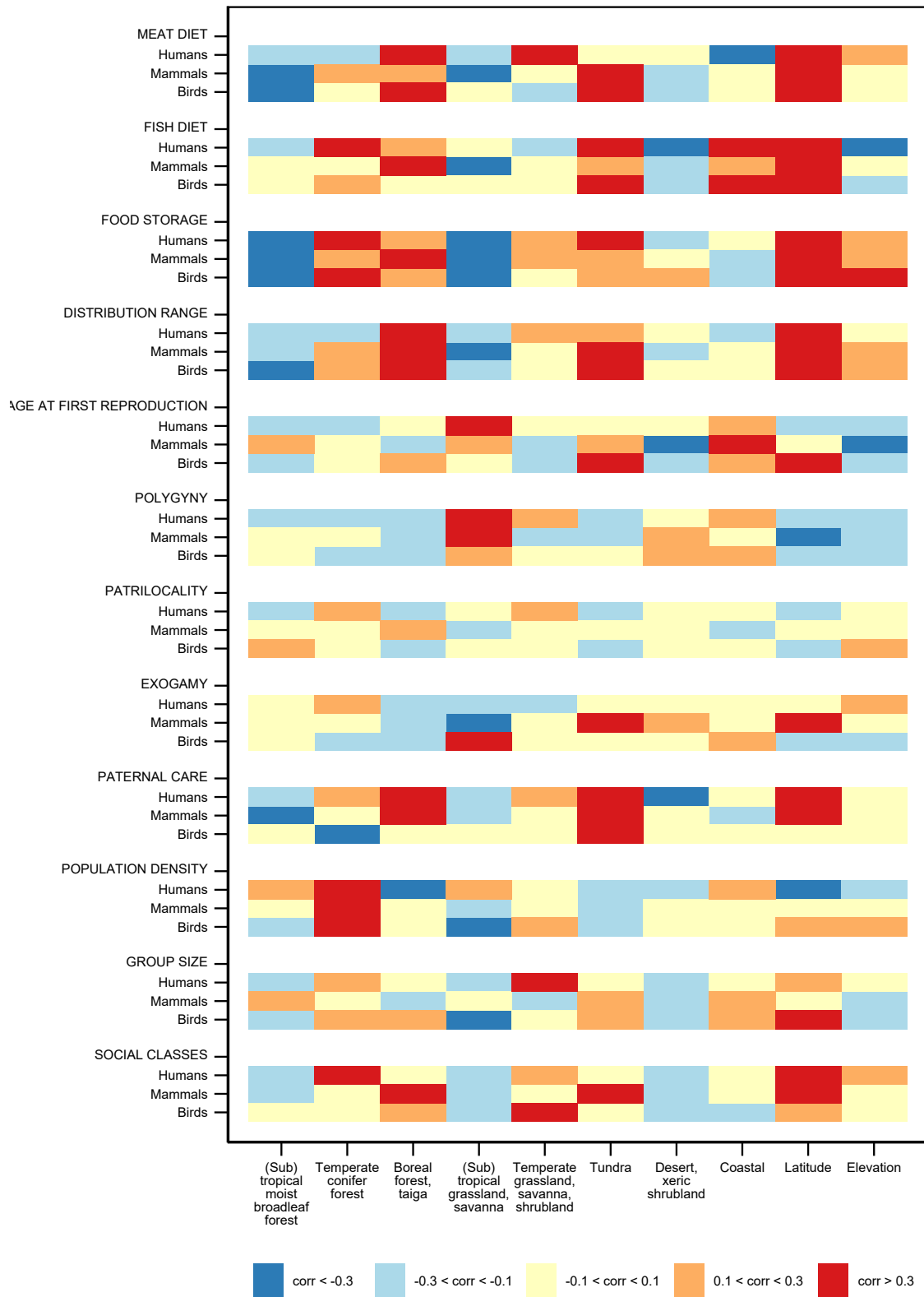


Fig. S11. Correlation between ecological factors and behaviors

Heatmap showing the correlation coefficients between ecological factors and behaviors for humans (Binford populations) and surrounding mammal and bird species. Ecological factors include the main biomes, in which Binford populations are located, latitude, altitude and coastal proximity.

Foraging behavior	Humans (Binford populations)	Mammals	Birds	Humans (Jorgensen populations)
Meat diet	Dependence on terrestrial animals (in %)	Fraction eating mammals/birds (in %)	Fraction eating mammals/birds (in %)	Diet contributed by large game, small animals, and fowl (in %)
Fish diet	Dependence on aquatic organisms (in %)	Fraction eating fish (in %)	Fraction eating fish (in %)	Diet contributed by aquatic animals (in %)
Food storage	Quantity of food stored (ordinal)	Fraction hoarding food (in %)	Fraction hoarding food (in %)	Multiple storage sites (binary)
Day range	Central place forager (binary)	Day range (normalized by body weight)		
Migration	Total distance moved per year by average household		Migratory distance (normalized by body weight)	Non-sedentary settlement (binary)
Distribution range	Log area occupied	Log area breeding distribution	Log area breeding distribution	

Tab. S1. Overview of variables used for measuring foraging behavior

Reproductive behavior	Humans (Binford populations)	Mammals	Birds	Humans (Jorgensen populations)
Age at first reproduction	Male age at first marriage	Age at first reproduction (normalized by body weight)	Age at first reproduction (normalized by body weight)	
Polygyny	Males married polygynously (in %)	Fraction living in unstable groups (in %) / fraction living in harems (in %)	Male plumage score	Extent of polygyny (ordinal)
Patrilocality	Patrilocal as established family (binary)	Fraction of female natal dispersal (in %)	Fraction of female natal dispersal (in %)	Patrilocal after marriage (binary)
Exogamy	Exogamous (binary)	Dispersal distance (normalized by body weight)	Dispersal distance (normalized by body weight)	Exogamous (binary)
Divorce	Ease of divorce (ordinal)		Divorce rate (in %)	

Tab. S2. Overview of variables used for measuring reproductive behavior

Social behavior	Humans (Binford populations)	Mammals	Birds	Humans (Jorgensen populations)
Paternal care	Diet derived from male labor (in %)	Fraction having paternal care (in %)	Fraction having paternal care only (in %)	
Population density	Log population density	Population density (normalized by body weight)	Population density (normalized by body weight)	Population density (ordinal)
Group size	Residential group size	Social group size (normalized by body weight)	Fraction foraging in large groups (in %)	Group size (ordinal)
Social classes	Existence of social classes (binary)	Fraction of cooperative breeders (in %)	Fraction cooperative non-kin breeders (in %)	

Tab. S3. Overview of variables used for measuring social behavior

	Mean	Std. dev.	Minimum	Maximum	Observations
Humans (Binford populations)					
Dependence on terrestrial animals (in %)	33.12	20.03	0.00	90.00	339
Dependence on aquatic organisms (in %)	32.39	27.32	0.00	95.00	339
Quantity of food stored (ordinal)	2.35	1.06	1.00	4.00	337
Central place forager (binary)	0.16	0.36	0.00	1.00	339
Yearly distance moved	250.37	234.41	0.02	917.13	261
Log area occupied	4.60	1.74	0.59	8.79	339
Male age at first marriage	20.82	4.66	12.00	35.00	179
Males married polygynously (in %)	13.23	12.41	0.00	57.00	221
Patrilocal as established family (binary)	0.59	0.49	0.00	1.00	310
Exogamous (binary)	0.23	0.42	0.00	1.00	335
Ease of divorce (ordinal)	2.28	0.84	1.00	3.00	339
Diet derived from male labor (in %)	60.99	17.25	21.25	99.99	333
Log population density	6.78	1.60	3.26	10.34	339
Residential group size	74.91	85.42	19.50	650.00	297
Existence of social classes (binary)	0.47	0.50	0.00	1.00	338
Mammals (25km radius around centroids of human populations)					
Fraction eating mammals/birds (in %)	23.25	10.93	0.00	100.00	333
Fraction eating fish (in %)	6.06	5.38	0.00	66.67	333
Fraction hoarding food (in %)	22.14	15.00	0.00	58.33	339
Day range (normalized by body weight)	0.94	1.70	-2.20	11.13	327
Log area breeding distribution	11.09	0.65	9.36	12.93	334
Age at first reproduction (normalized by body weight)	-214.98	382.15	-846.12	1493.87	339
Fraction living in unstable groups (in %)	19.33	9.34	0.00	66.67	339
Fraction living in harems (in %)	5.27	5.25	0.00	37.50	339
Fraction of female natal dispersal (in %)	17.19	9.76	0.00	50.00	339
Dispersal distance (normalized by body weight)	4.10	21.06	-27.68	53.59	286
Fraction having paternal care (in %)	7.90	4.60	0.00	22.22	339
Population density (normalized by body weight)	367.08	553.56	-436.61	3385.96	338
Social group size (normalized by body weight)	-4.32	3.63	-7.63	10.75	335
Fraction of cooperative breeders (in %)	4.07	4.02	0.00	20.00	339
Birds (25km radius around centroids of human populations)					
Fraction eating mammals/birds (in %)	7.85	2.26	0.00	16.32	339
Fraction eating fish (in %)	11.36	8.17	0.63	80.00	339
Fraction hoarding food (in %)	5.41	3.26	0.00	12.31	339
Migratory distance (normalized by body weight)	322.27	1103.61	-1171.71	5316.09	327
Log area breeding distribution	11.58	0.24	10.95	12.20	335
Age at first reproduction (normalized by body weight)	0.10	0.61	-0.79	3.54	316
Male plumage score	50.64	1.30	43.54	56.02	334
Fraction of female natal dispersal (in %)	81.91	13.48	0.00	100.00	333
Dispersal distance (normalized by body weight)	157.60	73.05	2.00	385.67	330
Divorce rate (in %)	35.24	12.27	4.80	70.35	337
Fraction having paternal care only (in %)	1.20	1.04	0.00	5.88	339
Population density (normalized by body weight)	23.85	42.20	-34.08	197.02	333
Fraction foraging in large groups (in %)	58.95	8.83	31.25	100.00	336
Fraction of cooperative non-kin breeders (in %)	1.86	1.60	0.00	6.90	337

Tab. S4. Descriptive statistics (Binford populations)

Descriptive statistics for Binford populations and surrounding mammals and birds.

	Mean	Std. dev.	Minimum	Maximum	Observations
Humans (Jorgensen populations)					
Diet contributed by large game, small animals, and fowl (ordinal)	3.43	0.71	2.00	5.00	172
Diet contributed by aquatic animals (ordinal)	3.24	1.46	1.00	5.00	172
Multiple storage sites (binary)	0.23	0.42	0.00	1.00	169
Non-sedentary settlement (binary)	0.87	0.34	0.00	1.00	171
Extent of polygyny (ordinal)	2.19	0.74	1.00	4.00	172
Patrilocal after marriage (binary)	0.55	0.50	0.00	1.00	172
Exogamous (binary)	0.41	0.49	0.00	1.00	168
Population density (ordinal)	2.94	1.05	1.00	5.00	171
Group size (ordinal)	2.04	1.28	1.00	7.00	169
Mammals (25km radius around centroids of human populations)					
Fraction eating mammals/birds (in %)	23.28	4.06	15.25	42.86	171
Fraction eating fish (in %)	6.09	2.81	0.00	28.57	171
Fraction hoarding food (in %)	26.79	6.14	0.00	44.90	172
Fraction living in unstable groups (in %)	18.00	2.40	12.50	27.78	172
Fraction of female natal dispersal (in %)	15.78	3.95	5.56	25.00	172
Dispersal distance (normalized by body weight)	9.01	9.24	-11.37	53.59	170
Population density (normalized by body weight)	592.60	475.66	-42.75	1764.46	172
Social group size (normalized by body weight)	-5.21	2.71	-7.59	4.88	172
Birds (25km radius around centroids of human populations)					
Fraction eating mammals/birds (in %)	7.66	1.32	1.85	11.55	172
Fraction eating fish (in %)	11.42	5.17	5.33	53.70	172
Fraction hoarding food (in %)	7.48	1.62	0.00	11.86	172
Migratory distance (normalized by body weight)	-546.89	294.14	-1279.13	627.95	172
Male plumage score	50.07	0.67	48.45	51.66	171
Fraction of female natal dispersal (in %)	82.77	6.52	66.67	100.00	172
Dispersal distance (normalized by body weight)	129.41	34.85	61.81	400.00	172
Population density (normalized by body weight)	53.24	15.46	-30.75	87.09	172
Fraction foraging in large groups (in %)	61.93	4.96	52.94	100.00	172

Tab. S5. Descriptive statistics (Jorgensen populations)

Descriptive statistics for Jorgensen populations and surrounding mammals and birds.

Tab. S6. List of mammal species used in the analysis

<i>Abrawayaomys ruschii</i>	<i>Ammospermophilus</i>	<i>Arctictis binturong</i>	<i>Bdeogale crassicauda</i>
<i>Abrothrix lanosus</i>	<i>interpres</i>	<i>Arctocebus aureus</i>	<i>Bdeogale jacksoni</i>
<i>Abrothrix longipilis</i>	<i>Ammospermophilus</i>	<i>Arctocebus australis</i>	<i>Bdeogale nigripes</i>
<i>Abrothrix olivaceus</i>	<i>leucurus</i>	<i>Arctocebus forsteri</i>	<i>Belomys pearsonii</i>
<i>Acerodon jubatus</i>	<i>Ammospermophilus</i>	<i>Arctocebus pusillus</i>	<i>Berardius arnuxii</i>
<i>Acerodon leucotis</i>	<i>nelsoni</i>	<i>Arctocebus</i>	<i>Berardius bairdii</i>
<i>Acinonyx jubatus</i>	<i>Anathana ellioti</i>	<i>townsendi</i>	<i>Berylmys berdmerei</i>
<i>Acomys kempfi</i>	<i>Anomalurus beecrofti</i>	<i>Arctogalidia trivirgata</i>	<i>Berylmys bowersi</i>
<i>Acomys percivali</i>	<i>Anomalurus derbianus</i>	<i>Arctonyx collaris</i>	<i>Bettongia gaimardi</i>
<i>Acomys spinosissimus</i>	<i>Anomalurus pusillus</i>	<i>Arctonyx hoevenii</i>	<i>Bettongia tropica</i>
<i>Acomys subspinosus</i>	<i>Anoura caudifer</i>	<i>Arielulus cuprosus</i>	<i>Bibimys chacoensis</i>
<i>Acomys wilsoni</i>	<i>Anoura geoffroyi</i>	<i>Arielulus societatis</i>	<i>Bibimys labiosus</i>
<i>Acrobates pygmaeus</i>	<i>Anoura latidens</i>	<i>Artibeus amplus</i>	<i>Bison bison</i>
<i>Aepyceros melampus</i>	<i>Anourosorex</i>	<i>Artibeus concolor</i>	<i>Blarina brevicauda</i>
<i>Aepyrymnus</i>	<i>squamipes</i>	<i>Artibeus fimbriatus</i>	<i>Blarina carolinensis</i>
<i>rufescens</i>	<i>Antechinomys laniger</i>	<i>Artibeus jamaicensis</i>	<i>Blarina hylophaga</i>
<i>Aeromys tephromelas</i>	<i>Antechinus adustus</i>	<i>Artibeus lituratus</i>	<i>Blarinomys breviceps</i>
<i>Aeromys thomasi</i>	<i>Antechinus agilis</i>	<i>Artibeus obscurus</i>	<i>Blastocerus</i>
<i>Aethalops aequalis</i>	<i>Antechinus bellus</i>	<i>Artibeus planirostris</i>	<i>dichotomus</i>
<i>Aethalops alecto</i>	<i>Antechinus flavipes</i>	<i>Arvicanthis nairobae</i>	<i>Bos gaurus</i>
<i>Aethomys chrysophilus</i>	<i>Antechinus godmani</i>	<i>Arvicanthis neumanni</i>	<i>Boselaphus</i>
<i>Aethomys hindei</i>	<i>Antechinus leo</i>	<i>Arvicanthis niloticus</i>	<i>tragocamelus</i>
<i>Aethomys ineptus</i>	<i>Antechinus minimus</i>	<i>Arvicola amphibius</i>	<i>Brachylagus idahoensis</i>
<i>Aethomys kaiseri</i>	<i>Antechinus stuartii</i>	<i>Aselliscus stoliczkanus</i>	<i>Brachyteles</i>
<i>Akodon aerosus</i>	<i>Antechinus subtypicus</i>	<i>Atelerix albiventris</i>	<i>hypoxanthus</i>
<i>Akodon cursor</i>	<i>Antechinus swainsonii</i>	<i>Atelerix frontalis</i>	<i>Bradypus tridactylus</i>
<i>Akodon dayi</i>	<i>Antidorcas marsupialis</i>	<i>Ateles belzebuth</i>	<i>Bradypus variegatus</i>
<i>Akodon fumeus</i>	<i>Antilocapra americana</i>	<i>Ateles chamek</i>	<i>Brucepattersonius</i>
<i>Akodon iniscatus</i>	<i>Antilope cervicapra</i>	<i>Ateles geoffroyi</i>	<i>iheringi</i>
<i>Akodon kofordi</i>	<i>Antrozous pallidus</i>	<i>Ateles hybridus</i>	<i>Bullimus luzonicus</i>
<i>Akodon montensis</i>	<i>Aonyx capensis</i>	<i>Ateles paniscus</i>	<i>Bunolagus</i>
<i>Akodon paranaensis</i>	<i>Aonyx cinereus</i>	<i>Atherurus africanus</i>	<i>monticularis</i>
<i>Akodon serrensis</i>	<i>Aonyx congicus</i>	<i>Atherurus macrourus</i>	<i>Burramys parvus</i>
<i>Akodon siberiae</i>	<i>Aotus azarae</i>	<i>Atilax paludinosus</i>	<i>Cabassous centralis</i>
<i>Akodon varius</i>	<i>Aotus brumbacki</i>	<i>Austronomus australis</i>	<i>Cabassous tatouay</i>
<i>Alcelaphus buselaphus</i>	<i>Aotus griseimembra</i>	<i>Axis axis</i>	<i>Cabassous unicinctus</i>
<i>Alces alces</i>	<i>Aotus nigriceps</i>	<i>Baiomys taylori</i>	<i>Cacajao hosomi</i>
<i>Allenopithecus</i>	<i>Aotus trivirgatus</i>	<i>Balaena mysticetus</i>	<i>Callicebus bernhardi</i>
<i>nigroviridis</i>	<i>Aotus vociferans</i>	<i>Balaenoptera</i>	<i>Callicebus cinerascens</i>
<i>Allochrocebus lhoesti</i>	<i>Aplodontia rufa</i>	<i>acutorostrata</i>	<i>Callicebus</i>
<i>Alouatta arctoidea</i>	<i>Apodemus agrarius</i>	<i>Balaenoptera</i>	<i>donacophilus</i>
<i>Alouatta caraya</i>	<i>Apodemus argenteus</i>	<i>bonaerensis</i>	<i>Callicebus lugens</i>
<i>Alouatta guariba</i>	<i>Apodemus peninsulae</i>	<i>Balaenoptera borealis</i>	<i>Callicebus pallescens</i>
<i>Alouatta juara</i>	<i>Apodemus speciosus</i>	<i>Balaenoptera edeni</i>	<i>Callicebus personatus</i>
<i>Alouatta macconnelli</i>	<i>Apomys abrae</i>	<i>Balaenoptera musculus</i>	<i>Callithrix flaviceps</i>
<i>Alouatta puruensis</i>	<i>Apomys aurorae</i>	<i>Balaenoptera omurai</i>	<i>Callithrix geoffroyi</i>
<i>Alouatta sara</i>	<i>Apomys datae</i>	<i>Balaenoptera physalus</i>	<i>Callithrix penicillata</i>
<i>Alticola lemminus</i>	<i>Apomys microdon</i>	<i>Balionycteris maculata</i>	<i>Callorhinus ursinus</i>
<i>Amblysomus</i>	<i>Apomys minghamensis</i>	<i>Bandicota bengalensis</i>	<i>Callosciurus adamsi</i>
<i>hottentotus</i>	<i>Apomys musculus</i>	<i>Bandicota indica</i>	<i>Callosciurus baluensis</i>
<i>Amblysomus robustus</i>	<i>Apomys sacobianus</i>	<i>Bandicota savilei</i>	<i>Callosciurus caniceps</i>
<i>Amblysomus</i>	<i>Apomys sierrae</i>	<i>Barbastella leucomelas</i>	<i>Callosciurus erythraeus</i>
<i>septentrionalis</i>	<i>Apomys zambalensis</i>	<i>Bassaricyon alleni</i>	<i>Callosciurus</i>
<i>Ametrida centurio</i>	<i>Arborimus albipes</i>	<i>Bassariscus astutus</i>	<i>finlaysonii</i>
<i>Ammospermophilus</i>	<i>Arborimus longicaudus</i>	<i>Bathyergus suillus</i>	<i>Callosciurus</i>
<i>harrisii</i>	<i>Arborimus pumo</i>	<i>Batomys granti</i>	<i>nigrovittatus</i>

<i>Callosciurus notatus</i>	<i>Cephalophus weynsi</i>	<i>Chaetophractus villosus</i>	<i>Coendou insidiosus</i>
<i>Callosciurus orestes</i>	<i>Cephalorhynchus commersonii</i>	<i>Chalinolobus dwyeri</i>	<i>Coendou melanurus</i>
<i>Callosciurus prevostii</i>	<i>Cephalorhynchus eutropia</i>	<i>Chalinolobus gouldii</i>	<i>Coendou mexicanus</i>
<i>Callospermophilus lateralis</i>	<i>Ceratotherium simum</i>	<i>Chalinolobus morio</i>	<i>Coendou prehensilis</i>
<i>Callospermophilus saturatus</i>	<i>Cercartetus caudatus</i>	<i>Chalinolobus nigrogriseus</i>	<i>Coendou pruinus</i>
<i>Calomys boliviae</i>	<i>Cercartetus concinnus</i>	<i>Chalinolobus picatus</i>	<i>Coendou rufescens</i>
<i>Calomys callosus</i>	<i>Cercartetus lepidus</i>	<i>Cheirogaleus medius</i>	<i>Coendou spinosus</i>
<i>Calomys hummelincki</i>	<i>Cercartetus nanus</i>	<i>Cheiromeles parvidens</i>	<i>Coleura afra</i>
<i>Calomys laucha</i>	<i>Cercocebus agilis</i>	<i>Cheiromeles torquatus</i>	<i>Colobus angolensis</i>
<i>Calomys musculus</i>	<i>Cercopithecus ascanius</i>	<i>Chimarrogale hantu</i>	<i>Colobus guereza</i>
<i>Calomys tener</i>	<i>Cercopithecus cephus</i>	<i>Chiroderma doriae</i>	<i>Colobus satanas</i>
<i>Caluromys lanatus</i>	<i>Cercopithecus denti</i>	<i>Chiroderma salvini</i>	<i>Colomys goslingi</i>
<i>Caluromys philander</i>	<i>Cercopithecus hamlyni</i>	<i>Chiroderma trinitatum</i>	<i>Condylura cristata</i>
<i>Canis adustus</i>	<i>Cercopithecus mitis</i>	<i>Chiroderma villosum</i>	<i>Conepatus chinga</i>
<i>Canis aureus</i>	<i>Cercopithecus neglectus</i>	<i>Chiromyscus chiropus</i>	<i>Conepatus humboldtii</i>
<i>Canis latrans</i>	<i>Cercopithecus nictitans</i>	<i>Chironax melanocephalus</i>	<i>Conepatus leuconotus</i>
<i>Canis lupus</i>	<i>Cerdocyon thous</i>	<i>Chironectes minimus</i>	<i>Conepatus semistriatus</i>
<i>Canis mesomelas</i>	<i>Cerradomys maracajuensis</i>	<i>Chiropodomys calamianensis</i>	<i>Congosorex verheyeni</i>
<i>Cannomys badius</i>	<i>Cerradomys scotti</i>	<i>Chiropodomys gliroides</i>	<i>Connochaetes gnou</i>
<i>Caperea marginata</i>	<i>Cerradomys subflavus</i>	<i>Chiropodomys major</i>	<i>Connochaetes taurinus</i>
<i>Capreolus pygargus</i>	<i>Cervus canadensis</i>	<i>Chiropodomys muroides</i>	<i>Cormura brevirostris</i>
<i>Capricornis milneedwardsii</i>	<i>Cervus nippon</i>	<i>Chiropodomys pusillus</i>	<i>Corynorhinus mexicanus</i>
<i>Capricornis sumatraensis</i>	<i>Chaerephon aloysiisabaudiae</i>	<i>Chiropotes albinasus</i>	<i>Corynorhinus rafinesquii</i>
<i>Caracal aurata</i>	<i>Chaerephon ansorgei</i>	<i>Chiropotes chiropotes</i>	<i>Corynorhinus townsendii</i>
<i>Caracal caracal</i>	<i>Chaerephon bemmeleni</i>	<i>Chlorocebus cynosuroides</i>	<i>Crateromys schadenbergi</i>
<i>Cardiaderma cor</i>	<i>Chaerephon bivittatus</i>	<i>Chlorocebus pygerythrus</i>	<i>Cratogeomys castanops</i>
<i>Carollia brevicauda</i>	<i>Chaerephon chapini</i>	<i>Chlorocebus tantalus</i>	<i>Cratogeomys fumosus</i>
<i>Carollia castanea</i>	<i>Chaerephon jobensis</i>	<i>Chlorotalpa sclateri</i>	<i>Cratogeomys goldmani</i>
<i>Carollia perspicillata</i>	<i>Chaerephon jobimena</i>	<i>Choeroniscus godmani</i>	<i>Cremnomys cutchicus</i>
<i>Carpomys melanurus</i>	<i>Chaerephon johorensis</i>	<i>Choeroniscus minor</i>	<i>Cricetomys emini</i>
<i>Carpomys phaeurus</i>	<i>Chaerephon major</i>	<i>Choeronycteris mexicana</i>	<i>Cricetomys gambianus</i>
<i>Casinycteris argyrenis</i>	<i>Chaerephon nigeriae</i>	<i>Choloepus didactylus</i>	<i>Crociodura allex</i>
<i>Castor canadensis</i>	<i>Chaerephon plicatus</i>	<i>Choloepus hoffmanni</i>	<i>Crociodura attenuata</i>
<i>Catopuma badia</i>	<i>Chaerephon pumilus</i>	<i>Chotomys mindorensis</i>	<i>Crociodura attila</i>
<i>Catopuma temminckii</i>	<i>Chaerephon russatus</i>	<i>Chrotomys silaceus</i>	<i>Crociodura batesi</i>
<i>Cavia aperea</i>	<i>Chaetodipus arenarius</i>	<i>Chrotomys whiteheadi</i>	<i>Crociodura beccarii</i>
<i>Cavia fulgida</i>	<i>Chaetodipus baileyi</i>	<i>Chrotopterus auritus</i>	<i>Crociodura caliginea</i>
<i>Cavia magna</i>	<i>Chaetodipus californicus</i>	<i>Chrysochloris asiatica</i>	<i>Crociodura</i>
<i>Cebus albifrons</i>	<i>Chaetodipus eremicus</i>	<i>Chrysochloris stuhlmanni</i>	<i>congolobica</i>
<i>Centronycteris centralis</i>	<i>Chaetodipus fallax</i>	<i>Chrysocyon brachyurus</i>	<i>Crociodura crenata</i>
<i>Centronycteris maximiliani</i>	<i>Chaetodipus formosus</i>	<i>Chrysospalax villosus</i>	<i>Crociodura cyanea</i>
<i>Centurio senex</i>	<i>Chaetodipus hispidus</i>	<i>Cistugo lesae</i>	<i>Crociodura denti</i>
<i>Cephalophus callipygus</i>	<i>Chaetodipus intermedius</i>	<i>Civettictis civetta</i>	<i>Crociodura dolichura</i>
<i>Cephalophus dorsalis</i>	<i>Chaetodipus lineatus</i>	<i>Cloeotis percivali</i>	<i>Crociodura elgonius</i>
<i>Cephalophus harveyi</i>	<i>Chaetodipus nelsoni</i>	<i>Coelops frithii</i>	<i>Crociodura flavescens</i>
<i>Cephalophus leucogaster</i>	<i>Chaetodipus penicillatus</i>	<i>Coendou bicolor</i>	<i>Crociodura foetida</i>
<i>Cephalophus natalensis</i>	<i>Chaetodipus rudinoris</i>		<i>Crociodura fuliginosa</i>
<i>Cephalophus nigrifrons</i>	<i>Chaetodipus spinatus</i>		<i>Crociodura fumosa</i>
<i>Cephalophus rufilatus</i>	<i>Chaetophractus vellerosus</i>		<i>Crociodura fuscomurina</i>
<i>Cephalophus silvicultor</i>			<i>Crociodura goliath</i>

<i>Crocidura horsfieldii</i>	<i>Cynomops greenhalli</i>	<i>Dermanura anderseni</i>	<i>Dyacopterus brooksi</i>
<i>Crocidura indochinensis</i>	<i>Cynomops milleri</i>	<i>Dermanura azteca</i>	<i>Dyacopterus spadiceus</i>
<i>Crocidura jacksoni</i>	<i>Cynomops paranus</i>	<i>Dermanura cinerea</i>	<i>Echimys chrysurus</i>
<i>Crocidura latona</i>	<i>Cynomops planirostris</i>	<i>Dermanura glauca</i>	<i>Echinops telfairi</i>
<i>Crocidura lepidura</i>	<i>Cynomys gunnisoni</i>	<i>Dermanura gnoma</i>	<i>Echinosorex gymnura</i>
<i>Crocidura littoralis</i>	<i>Cynomys leucurus</i>	<i>Dermanura phaeotis</i>	<i>Echymipera rufescens</i>
<i>Crocidura ludia</i>	<i>Cynomys ludovicianus</i>	<i>Dermanura tolteca</i>	<i>Eidolon dupreanum</i>
<i>Crocidura luna</i>	<i>Cynomys parvidens</i>	<i>Desmodillus auricularis</i>	<i>Eidolon helvum</i>
<i>Crocidura malayana</i>	<i>Cynopterus brachyotis</i>	<i>Desmodus rotundus</i>	<i>Eira barbara</i>
<i>Crocidura maquassiensis</i>	<i>Cynopterus horsfieldii</i>	<i>Diaemus youngi</i>	<i>Elephantulus brachyrhynchus</i>
<i>Crocidura mariquensis</i>	<i>Cynopterus luzoniensis</i>	<i>Diceros bicornis</i>	<i>Elephantulus edwardii</i>
<i>Crocidura maurisca</i>	<i>Cynopterus minutus</i>	<i>Diclidurus albus</i>	<i>Elephantulus fuscipes</i>
<i>Crocidura monax</i>	<i>Cynopterus sphinx</i>	<i>Diclidurus ingens</i>	<i>Elephantulus intufi</i>
<i>Crocidura monticola</i>	<i>Cynopterus titthaecheilus</i>	<i>Diclidurus isabella</i>	<i>Elephantulus myurus</i>
<i>Crocidura montis</i>	<i>Cystophora cristata</i>	<i>Diclidurus scutatus</i>	<i>Elephantulus pilicaudus</i>
<i>Crocidura mutesae</i>	<i>Cyttarops alecto</i>	<i>Dicrostonyx groenlandicus</i>	<i>Elephantulus rufescens</i>
<i>Crocidura nanilla</i>	<i>Dactylomys boliviensis</i>	<i>Dicrostonyx hudsonius</i>	<i>Elephantulus rupestris</i>
<i>Crocidura negligens</i>	<i>Dactylomys dactylinus</i>	<i>Dicrostonyx nelsoni</i>	<i>Ellephas maximus</i>
<i>Crocidura nigrofuscus</i>	<i>Dactylopsila trivirgata</i>	<i>Dicrostonyx nunatakensis</i>	<i>Eligmodontia morgani</i>
<i>Crocidura olieri</i>	<i>Damaliscus lunatus</i>	<i>Dicrostonyx richardsoni</i>	<i>Eligmodontia typus</i>
<i>Crocidura palawanensis</i>	<i>Dasypercus blythi</i>	<i>Dicrostonyx torquatus</i>	<i>Eliurus myoxinus</i>
<i>Crocidura paradoxura</i>	<i>Dasypercus cristicauda</i>	<i>Didelphis albiventris</i>	<i>Emballonura alecto</i>
<i>Crocidura parvipes</i>	<i>Dasykaluta rosamondae</i>	<i>Didelphis aurita</i>	<i>Emballonura monticola</i>
<i>Crocidura roosevelti</i>	<i>Dasyprocta azarae</i>	<i>Didelphis imperfecta</i>	<i>Enchisthenes hartii</i>
<i>Crocidura silacea</i>	<i>Dasyprocta fuliginosa</i>	<i>Didelphis marsupialis</i>	<i>Enhydra lutris</i>
<i>Crocidura turba</i>	<i>Dasyprocta leporina</i>	<i>Didelphis pernigra</i>	<i>Eonycteris major</i>
<i>Crocidura ultima</i>	<i>Dasyprocta prymnolopha</i>	<i>Didelphis virginiana</i>	<i>Eonycteris robusta</i>
<i>Crocidura voi</i>	<i>Dasyprocta punctata</i>	<i>Dinomys branickii</i>	<i>Eonycteris spelaea</i>
<i>Crocidura vorax</i>	<i>Dasyprocta punctata</i>	<i>Diphylla ecaudata</i>	<i>Epixerus ebi</i>
<i>Crocota crocuta</i>	<i>Dasyprocta punctata</i>	<i>Diplogale hosei</i>	<i>Epomophorus</i>
<i>Crossarchus alexandri</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys agilis</i>	<i>Epomophorus crypturus</i>
<i>Crossarchus platycephalus</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys californicus</i>	<i>Epomophorus labiatus</i>
<i>Crunomys fallax</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys compactus</i>	<i>Epomophorus minimus</i>
<i>Cryptomys hottentotus</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys deserti</i>	<i>Epomophorus minor</i>
<i>Cryptonanus agricolai</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys gravipes</i>	<i>Epomophorus wahlbergi</i>
<i>Cryptonanus chacoensis</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys heermanni</i>	<i>Epomops dobsonii</i>
<i>Cryptonanus unduaviensis</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys ingens</i>	<i>Epomops franqueti</i>
<i>Cryptoprocta ferox</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys merriami</i>	<i>Eptesicus andinus</i>
<i>Cryptotis obscura</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys microps</i>	<i>Eptesicus brasiliensis</i>
<i>Cryptotis parva</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys nelsoni</i>	<i>Eptesicus chiriquinus</i>
<i>Ctenomys boliviensis</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys nitratoides</i>	<i>Eptesicus diminutus</i>
<i>Ctenomys brasiliensis</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys ordii</i>	<i>Eptesicus furinalis</i>
<i>Ctenomys magellanicus</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys panamintinus</i>	<i>Eptesicus fuscus</i>
<i>Ctenomys minutus</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys simulans</i>	<i>Eptesicus hottentotus</i>
<i>Ctenomys steinbachi</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys spectabilis</i>	<i>Eptesicus nilssonii</i>
<i>Cuniculus paca</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys stephensi</i>	<i>Eptesicus pachyotis</i>
<i>Cuon alpinus</i>	<i>Dasyprocta punctata</i>	<i>Dipodomys venustus</i>	<i>Eptesicus serotinus</i>
<i>Cyclopes didactylus</i>	<i>Dasyprocta punctata</i>	<i>Dolichotis patagonum</i>	<i>Equus grevyi</i>
<i>Cynictis penicillata</i>	<i>Dasyprocta punctata</i>	<i>Dologale dybowskii</i>	<i>Equus quagga</i>
<i>Cynogale bennettii</i>	<i>Dasyprocta punctata</i>	<i>Dremomys everetti</i>	<i>Equus zebra</i>
<i>Cynomys abrasus</i>	<i>Dasyprocta punctata</i>	<i>Dremomys rufigenis</i>	<i>Erethizon dorsatum</i>
		<i>Dugong dugon</i>	<i>Erignathus barbatus</i>
		<i>Dusicyon avus</i>	<i>Erinaceus amurensis</i>
			<i>Erythrocebus patas</i>
			<i>Eschrichtius robustus</i>
			<i>Eubalaena australis</i>

Eubalaena glacialis	Galago moholi	Glirionia venusta	Herpailurus
Eubalaena japonica	Galago senegalensis	Glischropus tylopus	yagouaroundi
Euderma maculatum	Galagoides demidoff	Globicephala	Herpestes
Eudorcas thomsonii	Galagoides thomasi	macrorhynchus	auropunctatus
Eulemur rufifrons	Galea leucoblephara	Globicephala melas	Herpestes brachyurus
Eumetopias jubatus	Galea musteloides	Glossophaga	Herpestes edwardsii
Eumops auripendulus	Galeopterus variegatus	commissarisi	Herpestes flavescens
Eumops bonariensis	Galictis cuja	Glossophaga	Herpestes fuscus
Eumops dabbenei	Galictis vittata	longirostris	Herpestes ichneumon
Eumops glaucinus	Gazella bennettii	Glossophaga soricina	Herpestes javanicus
Eumops hansae	Genetta angolensis	Glyphonycteris behnii	Herpestes naso
Eumops maurus	Genetta genetta	Glyphonycteris daviesi	Herpestes
Eumops patagonicus	Genetta maculata	Glyphonycteris	pulverulentus
Eumops perotis	Genetta piscivora	sylvestris	Herpestes sanguineus
Eumops trumbulli	Genetta servalina	Golunda ellioti	Herpestes
Eumops underwoodi	Genetta tigrina	Gorilla gorilla	semitorquatus
Euneomys	Genetta victoriae	Gracilinanus agilis	Herpestes smithii
chinchilloides	Geogale aurita	Gracilinanus marica	Herpestes urva
Euneomys petersoni	Geomys arenarius	Gracilinanus	Herpestes vitticollis
Euoticus elegantulus	Geomys attwateri	microtarsus	Hesperoptenus
Euphractus sexcinctus	Geomys breviceps	Grammomys cometes	blanfordi
Euroscaptor klossi	Geomys bursarius	Grammomys	Hesperoptenus doriae
Euroscaptor micrura	Geomys knoxjonesi	dolichurus	Hesperoptenus tickelli
Euryoryzomys	Geomys personatus	Grammomys ibeanus	Heterohyrax brucei
macconnelli	Geomys pinetis	Grammomys kuru	Heteromys anomalus
Euryoryzomys nitidus	Geomys texensis	Grampus griseus	Heteromys irroratus
Euryoryzomys russatus	Georychus capensis	Graomys griseoflavus	Heteromys pictus
Euryzygomatomys	Geoxus valdivianus	Graphiurus christyi	Hippocamelus bisulcus
spinosus	Gerbilliscus afra	Graphiurus kelleni	Hippopotamus
Eutamias sibiricus	Gerbilliscus boehmi	Graphiurus lorraineus	amphibius
Exilisciurus exilis	Gerbilliscus brantsii	Graphiurus microtis	Hipposideros armiger
Exilisciurus whiteheadi	Gerbilliscus kempfi	Graphiurus murinus	Hipposideros ater
Falsistrellus affinis	Gerbilliscus	Graphiurus nagtglasii	Hipposideros beatus
Falsistrellus	leucogaster	Graphiurus ocularis	Hipposideros bicolor
mackenziei	Gerbilliscus	Graphiurus platyops	Hipposideros caffer
Falsistrellus	nigricaudus	Gulo gulo	Hipposideros
tasmaniensis	Gerbilliscus robustus	Haeromys pusillus	camerunensis
Felis chaus	Gerbilliscus validus	Halichoerus grypus	Hipposideros cervinus
Felis nigripes	Gerbillurus paeba	Handleyomys alfaroi	Hipposideros
Felis silvestris	Gerbillurus vallinus	Handleyomys	cineraceus
Feresa attenuata	Gerbillus cosensis	chapmani	Hipposideros
Fukomys bocagei	Gerbillus harwoodi	Handleyomys rostratus	commersoni
Fukomys damarensis	Gerbillus pusillus	Hapalomys	Hipposideros coronatus
Fukomys	Giraffa camelopardalis	longicaudatus	Hipposideros cyclops
ochraceocinereus	Glaucomys sabrinus	Haplonycteris fischeri	Hipposideros diadema
Funambulus layardi	Glaucomys volans	Harpiocephalus harpia	Hipposideros doriae
Funambulus palmarum	Glauconycteris	Heimyscus fumosus	Hipposideros
Funambulus pennantii	alboguttata	Helarctos malayanus	dyacorum
Funambulus	Glauconycteris	Heliophobius	Hipposideros
sublineatus	argentata	argenteocinereus	fuliginosus
Funambulus tristriatus	Glauconycteris beatrix	Heliosciurus	Hipposideros fulvus
Funisciurus anerythrus	Glauconycteris curryae	gambianus	Hipposideros galeritus
Funisciurus conchicus	Glauconycteris egeria	Heliosciurus	Hipposideros gigas
Funisciurus isabella	Glauconycteris	rufobrachium	Hipposideros
Funisciurus	humeralis	Helogale parvula	hypophyllus
lemniscatus	Glauconycteris poensis	Hemibelideus	Hipposideros inornatus
Funisciurus leucogenys	Glauconycteris superba	lemuroides	Hipposideros lankadiva
Funisciurus pyrrhopus	Glauconycteris	Hemigalus derbyanus	Hipposideros larvatus
Furipterus horrens	variegata		Hipposideros lekaguli

<i>Hipposideros lylei</i>	<i>Hypsignathus</i>	<i>Lagenorhynchus</i>	<i>Leopoldamys sabanus</i>
<i>Hipposideros megalotis</i>	<i>monstrosus</i>	<i>albirostris</i>	<i>Lepilemur</i>
<i>Hipposideros obscurus</i>	<i>Hypsiprymnodon</i>	<i>Lagenorhynchus</i>	<i>hubbardorum</i>
<i>Hipposideros pomona</i>	<i>moschatus</i>	<i>australis</i>	<i>Lepilemur ruficaudatus</i>
<i>Hipposideros ridleyi</i>	<i>Hypsugo macrotis</i>	<i>Lagenorhynchus</i>	<i>Leporillus apicalis</i>
<i>Hipposideros ruber</i>	<i>Hystrix africaeaustralis</i>	<i>cruciger</i>	<i>Leptailurus serval</i>
<i>Hipposideros semoni</i>	<i>Hystrix brachyura</i>	<i>Lagenorhynchus</i>	<i>Leptonycteris curasoae</i>
<i>Hipposideros speoris</i>	<i>Hystrix crassispinis</i>	<i>obliquidens</i>	<i>Leptonycteris nivalis</i>
<i>Hipposideros stenotis</i>	<i>Hystrix cristata</i>	<i>Lagenorhynchus</i>	<i>Leptonycteris</i>
<i>Hipposideros vittatus</i>	<i>Hystrix indica</i>	<i>obscurus</i>	<i>yerbabuenae</i>
<i>Hippotragus equinus</i>	<i>Hystrix pumila</i>	<i>Lagidium viscacia</i>	<i>Lepus alleni</i>
<i>Hippotragus niger</i>	<i>Hystrix sumatrae</i>	<i>Lagidium wolffsohni</i>	<i>Lepus americanus</i>
<i>Histiotus alienus</i>	<i>Ia io</i>	<i>Lagorchestes</i>	<i>Lepus arcticus</i>
<i>Histiotus magellanicus</i>	<i>Ichneumia albicauda</i>	<i>conspicillatus</i>	<i>Lepus californicus</i>
<i>Histiotus montanus</i>	<i>Ictidomys mexicanus</i>	<i>Lagothrix cana</i>	<i>Lepus callotis</i>
<i>Histiotus velatus</i>	<i>Ictidomys</i>	<i>Lagothrix lagotricha</i>	<i>Lepus capensis</i>
<i>Histriophoca fasciata</i>	<i>tridecemlineatus</i>	<i>Lama guanicoe</i>	<i>Lepus europaeus</i>
<i>Holochilus brasiliensis</i>	<i>Ictonyx striatus</i>	<i>Lamproncyteris</i>	<i>Lepus nigricollis</i>
<i>Holochilus sciureus</i>	<i>Idionycteris phyllotis</i>	<i>brachyotis</i>	<i>Lepus othus</i>
<i>Huetia leucorhina</i>	<i>Idiurus macrotis</i>	<i>Lariscus hosei</i>	<i>Lepus penguensis</i>
<i>Hyaena hyaena</i>	<i>Idiurus zenkeri</i>	<i>Lariscus insignis</i>	<i>Lepus saxatilis</i>
<i>Hybomys univittatus</i>	<i>Indopacetus pacificus</i>	<i>Lariscus niobe</i>	<i>Lepus timidus</i>
<i>Hydrictis maculicollis</i>	<i>Inia geoffrensis</i>	<i>Lasionycteris</i>	<i>Lepus tolai</i>
<i>Hydrochoerus</i>	<i>Iomys horsfieldii</i>	<i>noctivagus</i>	<i>Lepus townsendii</i>
<i>hydrochaeris</i>	<i>Irenomys tarsalis</i>	<i>Lasiorninus latifrons</i>	<i>Lepus victoriae</i>
<i>Hydrochoerus isthmius</i>	<i>Isodon auratus</i>	<i>Lasiurus atratus</i>	<i>Lestodelphys halli</i>
<i>Hydromys</i>	<i>Isodon macrourus</i>	<i>Lasiurus blossevillii</i>	<i>Lichonycteris obscura</i>
<i>chrysogaster</i>	<i>Isodon obesulus</i>	<i>Lasiurus borealis</i>	<i>Lionycteris spurrelli</i>
<i>Hyemoschus aquaticus</i>	<i>Isothrix bistriata</i>	<i>Lasiurus cinereus</i>	<i>Lissodelphis borealis</i>
<i>Hyladelphys</i>	<i>Isothrix orinoci</i>	<i>Lasiurus ega</i>	<i>Lissodelphis peronii</i>
<i>kalinowskii</i>	<i>Juliomys pictipes</i>	<i>Lasiurus egregius</i>	<i>Lissonycteris</i>
<i>Hylaeamys acritus</i>	<i>Kannabateomys</i>	<i>Lasiurus intermedius</i>	<i>angolensis</i>
<i>Hylaeamys laticeps</i>	<i>amblyonyx</i>	<i>Lasiurus seminolus</i>	<i>Litocranius walleri</i>
<i>Hylaeamys</i>	<i>Kerivoula argentata</i>	<i>Lasiurus varius</i>	<i>Lonchophylla robusta</i>
<i>megacephalus</i>	<i>Kerivoula cuprosa</i>	<i>Lasiurus xanthinus</i>	<i>Lonchophylla thomasi</i>
<i>Hylaeamys perenensis</i>	<i>Kerivoula hardwickii</i>	<i>Latidens salimalii</i>	<i>Lonchorhina aurita</i>
<i>Hylaeamys yunganus</i>	<i>Kerivoula intermedia</i>	<i>Lavia frons</i>	<i>Lonchorhina</i>
<i>Hylobates agilis</i>	<i>Kerivoula kachinensis</i>	<i>Leggadina forresti</i>	<i>fernandezi</i>
<i>Hylobates lar</i>	<i>Kerivoula lanosa</i>	<i>Leggadina</i>	<i>Lonchorhina inusitata</i>
<i>Hylobates muelleri</i>	<i>Kerivoula lenis</i>	<i>lakedownensis</i>	<i>Lonchorhina</i>
<i>Hylochoerus</i>	<i>Kerivoula minuta</i>	<i>Lemmiscus curtatus</i>	<i>orinocensis</i>
<i>meinertzhageni</i>	<i>Kerivoula papillosa</i>	<i>Lemmus sibiricus</i>	<i>Lontra canadensis</i>
<i>Hylomys parvus</i>	<i>Kerivoula pellucida</i>	<i>Lemmus trimucronatus</i>	<i>Lontra felina</i>
<i>Hylomys suillus</i>	<i>Kerivoula phalaena</i>	<i>Lemniscomys</i>	<i>Lontra longicaudis</i>
<i>Hylomyscus aeta</i>	<i>Kerivoula picta</i>	<i>macculus</i>	<i>Lontra provocax</i>
<i>Hylomyscus alleni</i>	<i>Kerivoula smithii</i>	<i>Lemniscomys rosalia</i>	<i>Lophiomys imhausi</i>
<i>Hylomyscus denniae</i>	<i>Kerivoula titania</i>	<i>Lemniscomys striatus</i>	<i>Lophocebus albigena</i>
<i>Hylomyscus parvus</i>	<i>Kerivoula whiteheadi</i>	<i>Lemniscomys zebra</i>	<i>Lophostoma</i>
<i>Hylomyscus stella</i>	<i>Kobus ellipsiprymnus</i>	<i>Lemur catta</i>	<i>brasiliense</i>
<i>Hylomyscus</i>	<i>Kobus kob</i>	<i>Lenothrix canus</i>	<i>Lophostoma carrikeri</i>
<i>walterverheyeni</i>	<i>Kobus leche</i>	<i>Leopardus colocolo</i>	<i>Lophostoma schulzi</i>
<i>Hylopetes alboniger</i>	<i>Kogia breviceps</i>	<i>Leopardus geoffroyi</i>	<i>Lophostoma silvicolium</i>
<i>Hylopetes nigripes</i>	<i>Kogia sima</i>	<i>Leopardus guigna</i>	<i>Lophuromys</i>
<i>Hylopetes phayrei</i>	<i>Kunsia tomentosus</i>	<i>Leopardus guttulus</i>	<i>flavopunctatus</i>
<i>Hylopetes platyurus</i>	<i>Laephotis botswanae</i>	<i>Leopardus pardalis</i>	<i>Lophuromys</i>
<i>Hylopetes spadiceus</i>	<i>Laephotis wintoni</i>	<i>Leopardus tigrinus</i>	<i>luteogaster</i>
<i>Hyperoodon</i>	<i>Lagenodelphis hosei</i>	<i>Leopardus wiedii</i>	<i>Lophuromys</i>
<i>ampullatus</i>	<i>Lagenorhynchus acutus</i>	<i>Leopoldamys ciliatus</i>	<i>nudicaudus</i>
<i>Hyperoodon planifrons</i>		<i>Leopoldamys neilli</i>	<i>Lophuromys sikapusi</i>

Loris lydekkerianus	Manis culionensis	Megaderma spasma	Micronycteris hirsuta
Loxodonta africana	Manis javanica	Megaerops ecaudatus	Micronycteris
Loxodontomys	Manis pentadactyla	Megaerops niphanae	megalotis
micropus	Marmosa constantiae	Megaerops wetmorei	Micronycteris microtis
Lutra lutra	Marmosa demerarae	Megaloglossus	Micronycteris minuta
Lutra sumatrana	Marmosa lepida	woermanni	Micronycteris
Lutreolina	Marmosa mexicana	Megaptera	schmidtorum
crassicaudata	Marmosa murina	novaeangliae	Micropteropus pusillus
Lutrogale perspicillata	Marmosa	Melanomys caliginosus	Micromys minutus
Lycalopex culpaeus	paraguayanus	Meles leucurus	Microsciurus
Lycalopex griseus	Marmosa robinsoni	Mellivora capensis	santanderensis
Lycalopex	Marmosa tyleriana	Melogale personata	Microtus agrestis
gymnocercus	Marmosops bishopi	Melomys burtoni	Microtus californicus
Lycalopex vetulus	Marmosops caucae	Melomys capensis	Microtus canicaudus
Lycaon pictus	Marmosops incanus	Melomys cervinipes	Microtus chrotorrhinus
Lyncodon patagonicus	Marmosops noctivagus	Melursus ursinus	Microtus fortis
Lynx canadensis	Marmosops ocellatus	Menetes berdmorei	Microtus gregalis
Lynx lynx	Marmosops parvidens	Mephitis macroura	Microtus hyperboreus
Lynx rufus	Marmosops pinheiroi	Mephitis mephitis	Microtus longicaudus
Macaca arctoides	Marmota broweri	Mesechinus dauuricus	Microtus
Macaca assamensis	Marmota caligata	Mesembriomys gouldii	maximowiczii
Macaca fascicularis	Marmota camtschatica	Mesembriomys	Microtus mexicanus
Macaca leonina	Marmota flaviventris	macrurus	Microtus middendorffii
Macaca mulatta	Marmota monax	Mesomys hispidus	Microtus miurus
Macaca nemestrina	Marmota olympus	Mesophylla	Microtus montanus
Macaca radiata	Marmota sibirica	macconnelli	Microtus ochrogaster
Macaca silenus	Marmota	Mesoplodon bidens	Microtus oeconomus
Macaca sinica	vancouverensis	Mesoplodon bowdoini	Microtus oregoni
Macroderma gigas	Martes americana	Mesoplodon carlhubbsi	Microtus
Macroglossus minimus	Martes flavigula	Mesoplodon	pennsylvanicus
Macroglossus sobrinus	Martes gwatkinsii	densirostris	Microtus pinetorum
Macrophyllum	Martes pennanti	Mesoplodon europaeus	Microtus richardsoni
macrophyllum	Martes zibellina	Mesoplodon	Microtus townsendii
Macropus agilis	Mastacomys fuscus	ginkgodens	Microtus
Macropus antilopinus	Mastomys coucha	Mesoplodon grayi	xanthognathus
Macropus bernardus	Mastomys	Mesoplodon hectori	Millardia meltada
Macropus dorsalis	erythroleucus	Mesoplodon layardii	Mimetillus moloneyi
Macropus fuliginosus	Mastomys natalensis	Mesoplodon mirus	Mimon bennettii
Macropus giganteus	Mastomys pernanus	Mesoplodon perrini	Mimon crenulatum
Macropus irma	Mastomys shortridgei	Mesoplodon	Miniopterus australis
Macropus parma	Maxomys baedon	peruvianus	Miniopterus fraterculus
Macropus parryi	Maxomys inas	Mesoplodon stejnegeri	Miniopterus gleni
Macropus robustus	Maxomys inflatus	Mesoplodon traversii	Miniopterus inflatus
Macropus rufogriseus	Maxomys	Metachirus	Miniopterus magnater
Macropus rufus	ochraceiventer	nudicaudatus	Miniopterus
Macroscelides	Maxomys panglima	Micaelamys granti	mahafaliensis
proboscideus	Maxomys rajah	Micaelamys	Miniopterus majori
Macrotrichomys	Maxomys surifer	namaquensis	Miniopterus manavi
bastardi	Maxomys tajuddinii	Mico intermedius	Miniopterus medius
Macrotis lagotis	Maxomys whiteheadi	Mico melanurus	Miniopterus natalensis
Macrotus californicus	Mazama americana	Microcavia australis	Miniopterus pusillus
Madoqua guentheri	Mazama bororo	Microcebus griseorufus	Miniopterus tristis
Madoqua kirkii	Mazama bricenii	Microcebus murinus	Miopithecus ogouensis
Madromys blanfordi	Mazama chunyi	Microdipodops	Mirounga
Makalata didelphoides	Mazama gouazoubira	megacephalus	angustirostris
Malacomys longipes	Mazama nana	Microdipodops	Mirounga leonina
Malacothrix typica	Mazama nemorivaga	pallidus	Mirza coquereli
Mandrillus sphinx	Mazama temama	Microgale nasoloi	Molossops
Manis crassicaudata	Megaderma lyra	Micromys minutus	mattogrossensis

Molossops neglectus	Muntiacus montanus	Myosorex tenuis	Myotis welwitschii
Molossops temminckii	Muntiacus muntjak	Myosorex varius	Myotis yumanensis
Molossus bondae	Muntiacus vaginalis	Myospalax psilurus	Myrmecophaga
Molossus coibensis	Murina aenea	Myotis adversus	tridactyla
Molossus currentium	Murina cyclotis	Myotis albescens	Mystromys
Molossus molossus	Murina florium	Myotis altarium	albicaudatus
Molossus pretiosus	Murina hilgendorfi	Myotis annectans	Naemorhedus griseus
Molossus rufus	Murina suilla	Myotis auriculus	Nandinia binotata
Molossus sinaloae	Murina tubinaris	Myotis australis	Nanger granti
Monodelphis adusta	Murina ussuriensis	Myotis austroriparius	Nannosciurus
Monodelphis	Mus booduga	Myotis bocagii	melanotis
americana	Mus caroli	Myotis bombinus	Nanonycteris
Monodelphis	Mus cookii	Myotis brandtii	veldkampii
brevicaudata	Mus famulus	Myotis californicus	Napaeozapus insignis
Monodelphis dimidiata	Mus indutus	Myotis chiloensis	Nasalis larvatus
Monodelphis	Mus minutoides	Myotis chinensis	Nasua narica
domestica	Mus musculoides	Myotis ciliolabrum	Nasua nasua
Monodelphis iheringi	Mus musculus	Myotis dasycneme	Natalus
Monodelphis kunsii	Mus oubanguii	Myotis daubentonii	espiritasantensis
Monodelphis osgoodi	Mus pahari	Myotis dinellii	Natalus mexicanus
Monodelphis palliolata	Mus phillipsi	Myotis elegans	Natalus tumidirostris
Monodelphis peruviana	Mus platythrix	Myotis evotis	Neacomys dubosti
Monodelphis scalops	Mus saxicola	Myotis federatus	Neacomys paracou
Monodon monoceros	Mus setulosus	Myotis formosus	Neacomys spinosus
Mops brachypterus	Mus setzeri	Myotis fortidens	Necomys lactens
Mops condylurus	Mus sorella	Myotis frater	Necomys lasiurus
Mops congicus	Mus terricolor	Myotis	Necomys lenguarum
Mops leucostigma	Mus triton	gomantongensis	Necomys urichi
Mops midas	Mustela africana	Myotis goudoti	Nectomys rattus
Mops mops	Mustela altaica	Myotis hasseltii	Nectomys squamipes
Mops nanulus	Mustela erminea	Myotis horsfieldii	Neofelis diardi
Mops niangarae	Mustela eversmanii	Myotis ikonnikovi	Neofelis nebulosa
Mops niveiventer	Mustela frenata	Myotis keaysi	Neofiber alleni
Mops sarasinorum	Mustela itatsi	Myotis keenii	Neomys fodiens
Mops spurrelli	Mustela kathiah	Myotis levis	Neophoca cinerea
Mops thersites	Mustela lutreolina	Myotis lucifugus	Neophocaena
Mormoops	Mustela nigripes	Myotis macrodactylus	phocaenoides
megalophylla	Mustela nivalis	Myotis macropus	Neoromicia brunnea
Mormopterus beccarii	Mustela nudipes	Myotis macrotarsus	Neoromicia capensis
Mormopterus	Mustela sibirica	Myotis melanorhinus	Neoromicia guineensis
cobourgianus	Mustela strigidorsa	Myotis montivagus	Neoromicia helios
Mormopterus eleryi	Mydaus marchei	Myotis muricola	Neoromicia
Mormopterus halli	Mylomys dybowskii	Myotis nesopolus	malagasyensis
Mormopterus jugularis	Myocastor coypus	Myotis nigricans	Neoromicia nana
Mormopterus lorae	Myodes californicus	Myotis occultus	Neoromicia rendalli
Mormopterus	Myodes gapperi	Myotis oxyotus	Neoromicia somalica
lumsdenae	Myodes glareolus	Myotis peytoni	Neoromicia tenuipinnis
Mormopterus	Myodes rex	Myotis ridleyi	Neoromicia zuluensis
norfolkensis	Myodes rufocanus	Myotis riparius	Neotamias alpinus
Mormopterus petersi	Myodes rutilus	Myotis ruber	Neotamias amoenus
Mormopterus planiceps	Myomyscus brockmani	Myotis rufopictus	Neotamias canipes
Mormopterus ridei	Myomyscus verreauxii	Myotis septentrionalis	Neotamias cinereicollis
Moschiola indica	Myonycteris torquata	Myotis siligorensis	Neotamias dorsalis
Moschiola meminna	Myoprocta acouchy	Myotis simus	Neotamias durangae
Moschus moschiferus	Myoprocta pratti	Myotis thysanodes	Neotamias merriami
Mungos mungo	Myopterus daubentonii	Myotis tricolor	Neotamias minimus
Mungotictis	Myopterus whitleyi	Myotis velifer	Neotamias obscurus
decemlineata	Myopus schisticolor	Myotis vivesi	Neotamias ochrogenys
Muntiacus atherodes	Myosorex cafer	Myotis volans	Neotamias palmeri

Neotamias panamintinus	Notoryctes caurinus	Oligoryzomys chacoensis	Otospermophilus variegatus
Neotamias quadrimaculatus	Notoryctes typhlops	Oligoryzomys destructor	Ourebia ourebi
Neotamias quadrivittatus	Nyctereutes procyonoides	Oligoryzomys eliurus	Ovibos moschatus
Neotamias ruficaudus	Nycteris arge	Oligoryzomys flavescens	Ovis canadensis
Neotamias rufus	Nycteris aurita	Oligoryzomys fornesi	Ovis dalli
Neotamias senex	Nycteris grandis	Oligoryzomys fulvescens	Ovis nivicola
Neotamias siskiyou	Nycteris hispida	Oligoryzomys longicaudatus	Oxymycterus hispidus
Neotamias sonomae	Nycteris intermedia	Oligoryzomys magellanicus	Oxymycterus hucucha
Neotamias speciosus	Nycteris macrotis	Oligoryzomys microtis	Oxymycterus inca
Neotamias townsendii	Nycteris major	Oligoryzomys nigripes	Oxymycterus nasutus
Neotamias umbrinus	Nycteris nana	Ondatra zibethicus	Oxymycterus paramensis
Neotoma albigula	Nycteris thebaica	Onychogalea unguifera	Oxymycterus quaestor
Neotoma angustapalata	Nycteris tragata	Onychomys arenicola	Oxymycterus roberti
Neotoma cinerea	Nycticebus bengalensis	Onychomys leucogaster	Ozotoceros bezoarticus
Neotoma devia	Nycticebus coucang	Onychomys torridus	Pagophilus groenlandicus
Neotoma floridana	Nycticebus menagensis	Orcaella brevirostris	Paguma larvata
Neotoma fuscipes	Nycticeinops schlieffeni	Orcaella heinsohni	Pan troglodytes
Neotoma goldmani	Nycticeius humeralis	Orcinus orca	Panthera leo
Neotoma lepida	Nyctimene robinsoni	Oreamnos americanus	Panthera onca
Neotoma leucodon	Nyctinomops aurispinosus	Oreotragus oreotragus	Panthera pardus
Neotoma macrotis	Nyctinomops femorosaccus	Ornithorhynchus anatinus	Panthera tigris
Neotoma mexicana	Nyctinomops laticaudatus	Orthogeomys hispidus	Papio anubis
Neotoma micropus	Nyctinomops macrotis	Orycteropus afer	Papio cynocephalus
Neotoma stephensi	Nyctophilus arnhemensis	Oryctolagus cuniculus	Papio kindae
Neotragus batesi	Nyctophilus bifax	Oryx beisa	Papio ursinus
Neovison vison	Nyctophilus geoffroyi	Oryx gazella	Paracrociodura schoutedeni
Nephelomys albigularis	Nyctophilus gouldi	Oryzomys couesi	Paracynictis selousi
Nephelomys keaysi	Nyctophilus sherrini	Oryzomys palustris	Paradoxurus hermaphroditus
Nephelomys levipes	Nyctophilus walkeri	Otaria byronia	Paradoxurus jerdoni
Nesolagus netscheri	Ochotona collaris	Otocyon megalotis	Paraechinus nudiventris
Nesotragus moschatus	Ochotona hyperborea	Otolemur crassicaudatus	Parahyaena brunnea
Neotrichus gibbsii	Ochotona mantchurica	Otolemur garnettii	Paratriaenops furculus
Neusticomys venezuelae	Ochotona princeps	Otomops harrisoni	Paraxerus alexandri
Nilgiritragus hylocrius	Ochotona turuchanensis	Otomops martiensseni	Paraxerus boehmi
Ningau ridei	Ochrotomys nuttalli	Otomys angoniensis	Paraxerus cepapi
Ningau timealeyi	Odobenus rosmarus	Otomys auratus	Paraxerus ochraceus
Ningau yvonneae	Odocoileus hemionus	Otomys irroratus	Paraxerus palliatus
Niviventer cameroni	Odocoileus virginianus	Otomys karoensis	Paraxerus poensis
Niviventer cremoriventer	Oecomys auyantepui	Otomys laminatus	Pardofelis marmorata
Niviventer fraternus	Oecomys bicolor	Otomys tropicalis	Paremballonura tiavatu
Niviventer fulvescens	Oecomys catherinae	Otomys typus	Parotomys brantsii
Niviventer langbianis	Oecomys concolor	Otomys unisulcatus	Parotomys littledalei
Niviventer rapit	Oecomys flavicans	Otopteropus cartilagonodus	Pattonomys semivillosus
Noctilio albiventris	Oecomys mamorae	Otospermophilus beecheyi	Pecari tajacu
Noctilio leporinus	Oecomys rex	Otospermophilus beecheyi ssp.	Pedetes capensis
Notiomys edwardsii	Oecomys roberti	atricapillus	Pedetes surdaster
Notiosorex cockrumi	Oecomys rutilus		Pelea capreolus
Notiosorex crawfordi	Oecomys speciosus		Pelomys fallax
Notomys alexis	Oecomys trinitatis		
Notomys aquilo	Oenomys hypoxanthus		
Notomys cervinus	Okapia johnstoni		
Notomys fuscus			
Notomys mitchellii			

<i>Pelomys hopkinsi</i>	<i>Petaurus breviceps</i>	<i>Phyllomys dasythrix</i>	<i>Platyrrhinus nigellus</i>
<i>Penthetor lucasi</i>	<i>Petaurus gracilis</i>	<i>Phyllomys lamarum</i>	<i>Platyrrhinus recifinus</i>
<i>Peponocephala electra</i>	<i>Petaurus norfolcensis</i>	<i>Phyllomys medius</i>	<i>Platyrrhinus umbratus</i>
<i>Perameles gunnii</i>	<i>Petinomys</i>	<i>Phyllomys pattoni</i>	<i>Platyrrhinus vittatus</i>
<i>Perameles nasuta</i>	<i>fuscocapillus</i>	<i>Phyllomys sulinus</i>	<i>Plecotus ognevi</i>
<i>Perodicticus edwardsi</i>	<i>Petinomys genibarbis</i>	<i>Phyllostomus discolor</i>	<i>Plecotus sacrimontis</i>
<i>Perodicticus ibeanus</i>	<i>Petinomys setosus</i>	<i>Phyllostomus</i>	<i>Podomys floridanus</i>
<i>Perognathus alticola</i>	<i>Petinomys</i>	<i>elongatus</i>	<i>Poecilogale albinucha</i>
<i>Perognathus amplus</i>	<i>vordermanni</i>	<i>Phyllostomus hastatus</i>	<i>Pogonomys macrourus</i>
<i>Perognathus fasciatus</i>	<i>Petrodromus</i>	<i>Phyllostomus latifolius</i>	<i>Poiana richardsonii</i>
<i>Perognathus flavescens</i>	<i>tetradactylus</i>	<i>Phyllotis wolffsohni</i>	<i>Poliocitellus franklinii</i>
<i>Perognathus flavus</i>	<i>Petrogale brachyotis</i>	<i>Phyllotis xanthopygus</i>	<i>Potamochoerus</i>
<i>Perognathus inornatus</i>	<i>Petrogale burbridgei</i>	<i>Physeter</i>	<i>larvatus</i>
<i>Perognathus</i>	<i>Petrogale coenensis</i>	<i>macrocephalus</i>	<i>Potamochoerus porcus</i>
<i>longimembris</i>	<i>Petrogale concinna</i>	<i>Piliocolobus oustaleti</i>	<i>Potamogale velox</i>
<i>Perognathus merriami</i>	<i>Petrogale godmani</i>	<i>Pipistrellus adamsi</i>	<i>Potorous longipes</i>
<i>Perognathus parvus</i>	<i>Petrogale herberti</i>	<i>Pipistrellus anchietae</i>	<i>Potorous tridactylus</i>
<i>Peromyscus attwateri</i>	<i>Petrogale lateralis</i>	<i>Pipistrellus cadornae</i>	<i>Potos flavus</i>
<i>Peromyscus aztecus</i>	<i>Petrogale mareeba</i>	<i>Pipistrellus ceylonicus</i>	<i>Praomys jacksoni</i>
<i>Peromyscus boylii</i>	<i>Petrogale penicillata</i>	<i>Pipistrellus</i>	<i>Praomys misonnei</i>
<i>Peromyscus</i>	<i>Petrogale rothschildi</i>	<i>coromandra</i>	<i>Praomys petteri</i>
<i>californicus</i>	<i>Petrogale sharmani</i>	<i>Pipistrellus crassulus</i>	<i>Praomys verschureni</i>
<i>Peromyscus crinitus</i>	<i>Petromus typicus</i>	<i>Pipistrellus hesperidus</i>	<i>Presbytis chrysomelas</i>
<i>Peromyscus difficilis</i>	<i>Petromyscus barbouri</i>	<i>Pipistrellus hesperus</i>	<i>Presbytis femoralis</i>
<i>Peromyscus eremicus</i>	<i>Petromyscus collinus</i>	<i>Pipistrellus javanicus</i>	<i>Presbytis frontata</i>
<i>Peromyscus eva</i>	<i>Petromyscus</i>	<i>Pipistrellus kuhlii</i>	<i>Presbytis hosei</i>
<i>Peromyscus fraterculus</i>	<i>monticularis</i>	<i>Pipistrellus musciculus</i>	<i>Presbytis melalophos</i>
<i>Peromyscus furvus</i>	<i>Petromyscus</i>	<i>Pipistrellus nanulus</i>	<i>Presbytis rubicunda</i>
<i>Peromyscus</i>	<i>shortridgei</i>	<i>Pipistrellus pipistrellus</i>	<i>Presbytis siamensis</i>
<i>gossypinus</i>	<i>Petropseudes dahli</i>	<i>Pipistrellus pulveratus</i>	<i>Prionodonta maximus</i>
<i>Peromyscus gratus</i>	<i>Phacochoerus africanus</i>	<i>Pipistrellus raceyi</i>	<i>Prionailurus</i>
<i>Peromyscus hooperi</i>	<i>Phalanger mimicus</i>	<i>Pipistrellus rueppellii</i>	<i>bengalensis</i>
<i>Peromyscus keeni</i>	<i>Phaner pallescens</i>	<i>Pipistrellus rusticus</i>	<i>Prionailurus planiceps</i>
<i>Peromyscus leucopus</i>	<i>Phascogale pirata</i>	<i>Pipistrellus stenopterus</i>	<i>Prionailurus</i>
<i>Peromyscus levipes</i>	<i>Phascogale tapoatafa</i>	<i>Pipistrellus subflavus</i>	<i>rubiginosus</i>
<i>Peromyscus</i>	<i>Phascogale cinereus</i>	<i>Pipistrellus tenuis</i>	<i>Prionailurus viverrinus</i>
<i>maniculatus</i>	<i>Phataginus tetradactyla</i>	<i>Pipistrellus westralis</i>	<i>Prionodon linsang</i>
<i>Peromyscus</i>	<i>Phataginus tricuspis</i>	<i>Pithecheir parvus</i>	<i>Prionodon pardicolor</i>
<i>melanophrys</i>	<i>Phenacomys</i>	<i>Pithecia pithecia</i>	<i>Prionomys batesi</i>
<i>Peromyscus melanotis</i>	<i>intermedius</i>	<i>Planigale gilesi</i>	<i>Procavia capensis</i>
<i>Peromyscus merriami</i>	<i>Phenacomys ungava</i>	<i>Planigale ingrami</i>	<i>Procyon cancrivorus</i>
<i>Peromyscus mexicanus</i>	<i>Philander andersoni</i>	<i>Planigale maculata</i>	<i>Procyon lotor</i>
<i>Peromyscus nasutus</i>	<i>Philander frenatus</i>	<i>Planigale tenuirostris</i>	<i>Proechimys breviceauda</i>
<i>Peromyscus</i>	<i>Philander mondolfi</i>	<i>Platacanthomys</i>	<i>Proechimys canicollis</i>
<i>ochraventer</i>	<i>Philander opossum</i>	<i>lasiurus</i>	<i>Proechimys</i>
<i>Peromyscus pectoralis</i>	<i>Philantomba monticola</i>	<i>Platymops setiger</i>	<i>chrysaecolus</i>
<i>Peromyscus polionotus</i>	<i>Philetor brachypterus</i>	<i>Platyrrhinus albericoi</i>	<i>Proechimys cuvieri</i>
<i>Peromyscus slevini</i>	<i>Phloeomys pallidus</i>	<i>Platyrrhinus</i>	<i>Proechimys guairae</i>
<i>Peromyscus truei</i>	<i>Phoca largha</i>	<i>angustirostris</i>	<i>Proechimys</i>
<i>Peropteryx kappleri</i>	<i>Phoca vitulina</i>	<i>Platyrrhinus aurarius</i>	<i>guyannensis</i>
<i>Peropteryx leucoptera</i>	<i>Phocoena dioptrica</i>	<i>Platyrrhinus</i>	<i>Proechimys</i>
<i>Peropteryx macrotis</i>	<i>Phocoena phocoena</i>	<i>brachycephalus</i>	<i>hoplomyoides</i>
<i>Peropteryx pallidoptera</i>	<i>Phocoena sinus</i>	<i>Platyrrhinus dorsalis</i>	<i>Proechimys</i>
<i>Petaurillus hosei</i>	<i>Phocoena spinipinnis</i>	<i>Platyrrhinus</i>	<i>longicaudatus</i>
<i>Petaurista elegans</i>	<i>Phocoenoides dalli</i>	<i>fusciventris</i>	<i>Proechimys</i>
<i>Petaurista petaurista</i>	<i>Phoniscus atrox</i>	<i>Platyrrhinus helleri</i>	<i>quadruplicatus</i>
<i>Petaurista philippensis</i>	<i>Phoniscus jagorii</i>	<i>Platyrrhinus incarum</i>	<i>Proechimys simonsi</i>
<i>Petauroides volans</i>	<i>Phoniscus papuensis</i>	<i>Platyrrhinus infuscus</i>	<i>Promops centralis</i>
<i>Petaurus australis</i>	<i>Phylloderma stenops</i>	<i>Platyrrhinus lineatus</i>	<i>Promops nasutus</i>

<i>Pronolagus</i>	<i>Pteronotus personatus</i>	<i>Reithrodontomys</i>	<i>Rhinolophus simulator</i>
<i>crassicaudatus</i>	<i>Pteronotus rubiginosus</i>	<i>mexicanus</i>	<i>Rhinolophus steno</i>
<i>Pronolagus randensis</i>	<i>Pteronura brasiliensis</i>	<i>Reithrodontomys</i>	<i>Rhinolophus subrufus</i>
<i>Pronolagus rupestris</i>	<i>Pteropus alecto</i>	<i>montanus</i>	<i>Rhinolophus swinnyi</i>
<i>Pronolagus saundersiae</i>	<i>Pteropus conspicillatus</i>	<i>Reithrodontomys</i>	<i>Rhinolophus thomasi</i>
<i>Propithecus verreauxi</i>	<i>Pteropus giganteus</i>	<i>raviventris</i>	<i>Rhinolophus trifoliatus</i>
<i>Proteles cristata</i>	<i>Pteropus hypomelanus</i>	<i>Reithrodontomys</i>	<i>Rhinolophus virgo</i>
<i>Protixerus stangeri</i>	<i>Pteropus leucopterus</i>	<i>sumichrasti</i>	<i>Rhinolophus</i>
<i>Pseudantechinus</i>	<i>Pteropus melanotus</i>	<i>Rhabdomys pumilio</i>	<i>yunanensis</i>
<i>bilarni</i>	<i>Pteropus neohibernicus</i>	<i>Rheithrosciurus</i>	<i>Rhinonictes aurantia</i>
<i>Pseudantechinus</i>	<i>Pteropus poliocephalus</i>	<i>macrotis</i>	<i>Rhinophylla fischeriae</i>
<i>macdonnellensis</i>	<i>Pteropus scapulatus</i>	<i>Rhinolophus</i>	<i>Rhinophylla pumilio</i>
<i>Pseudantechinus</i>	<i>Pteropus vampyrus</i>	<i>acuminatus</i>	<i>Rhinopoma hardwickii</i>
<i>ningbing</i>	<i>Ptilocercus lowii</i>	<i>Rhinolophus affinis</i>	<i>Rhinosciurus</i>
<i>Pseudantechinus roryi</i>	<i>Pudu puda</i>	<i>Rhinolophus alcyone</i>	<i>laticaudatus</i>
<i>Pseudantechinus</i>	<i>Puma concolor</i>	<i>Rhinolophus arcuatus</i>	<i>Rhipidomys austrinus</i>
<i>woolleyae</i>	<i>Pusa hispida</i>	<i>Rhinolophus beddomei</i>	<i>Rhipidomys</i>
<i>Pseudocheirus</i>	<i>Pygoderma bilabiatum</i>	<i>Rhinolophus</i>	<i>leucodactylus</i>
<i>occidentalis</i>	<i>Rangifer tarandus</i>	<i>borneensis</i>	<i>Rhipidomys</i>
<i>Pseudocheirus</i>	<i>Raphicerus campestris</i>	<i>Rhinolophus capensis</i>	<i>macconnelli</i>
<i>peregrinus</i>	<i>Raphicerus melanotis</i>	<i>Rhinolophus clivus</i>	<i>Rhipidomys macrurus</i>
<i>Pseudochirops archeri</i>	<i>Raphicerus sharpei</i>	<i>Rhinolophus</i>	<i>Rhipidomys mastacalis</i>
<i>Pseudochirulus</i>	<i>Rattus andamanensis</i>	<i>coelophyllus</i>	<i>Rhipidomys nitela</i>
<i>cinereus</i>	<i>Rattus annandalei</i>	<i>Rhinolophus cognatus</i>	<i>Rhipidomys</i>
<i>Pseudochirulus</i>	<i>Rattus argentiventer</i>	<i>Rhinolophus cohenae</i>	<i>venezuelae</i>
<i>herbertensis</i>	<i>Rattus burrus</i>	<i>Rhinolophus creaghi</i>	<i>Rhipidomys wetzeli</i>
<i>Pseudomys</i>	<i>Rattus colletti</i>	<i>Rhinolophus</i>	<i>Rhizomys pruinosus</i>
<i>albocinereus</i>	<i>Rattus everetti</i>	<i>damarensis</i>	<i>Rhizomys sumatrensis</i>
<i>Pseudomys</i>	<i>Rattus exulans</i>	<i>Rhinolophus darlingi</i>	<i>Rhogeessa io</i>
<i>apodemoides</i>	<i>Rattus fuscipes</i>	<i>Rhinolophus denti</i>	<i>Rhogeessa minutilla</i>
<i>Pseudomys australis</i>	<i>Rattus leucopus</i>	<i>Rhinolophus eloquens</i>	<i>Rhogeessa parvula</i>
<i>Pseudomys bolami</i>	<i>Rattus losea</i>	<i>Rhinolophus</i>	<i>Rhynchocydon cirnei</i>
<i>Pseudomys calabyi</i>	<i>Rattus lutreolus</i>	<i>ferrumequinum</i>	<i>Rhynchogale melleri</i>
<i>Pseudomys chapmani</i>	<i>Rattus nitidus</i>	<i>Rhinolophus fumigatus</i>	<i>Rhynchomys</i>
<i>Pseudomys delicatulus</i>	<i>Rattus norvegicus</i>	<i>Rhinolophus</i>	<i>soricoides</i>
<i>Pseudomys desertor</i>	<i>Rattus palmarum</i>	<i>hildebrandtii</i>	<i>Rhynchomys tapulao</i>
<i>Pseudomys fumeus</i>	<i>Rattus rattus</i>	<i>Rhinolophus inops</i>	<i>Rhynchonycteris naso</i>
<i>Pseudomys</i>	<i>Rattus satarae</i>	<i>Rhinolophus landeri</i>	<i>Rousettus aegyptiacus</i>
<i>gracilicaudatus</i>	<i>Rattus sordidus</i>	<i>Rhinolophus lepidus</i>	<i>Rousettus</i>
<i>Pseudomys</i>	<i>Rattus stoicus</i>	<i>Rhinolophus luctus</i>	<i>amplexicaudatus</i>
<i>hermannsburgensis</i>	<i>Rattus tanezumi</i>	<i>Rhinolophus macrotis</i>	<i>Rousettus lanosus</i>
<i>Pseudomys higginsii</i>	<i>Rattus tiomanicus</i>	<i>Rhinolophus</i>	<i>Rousettus leschenaultii</i>
<i>Pseudomys johnsoni</i>	<i>Rattus tunneyi</i>	<i>malayanus</i>	<i>Rousettus spinalatus</i>
<i>Pseudomys nanus</i>	<i>Rattus villosissimus</i>	<i>Rhinolophus marshalli</i>	<i>Rusa marianna</i>
<i>Pseudomys</i>	<i>Ratufa affinis</i>	<i>Rhinolophus</i>	<i>Rusa unicolor</i>
<i>novaehollandiae</i>	<i>Ratufa bicolor</i>	<i>megaphyllus</i>	<i>Saccolaimus</i>
<i>Pseudomys</i>	<i>Ratufa indica</i>	<i>Rhinolophus</i>	<i>flaviventris</i>
<i>occidentalis</i>	<i>Ratufa macroura</i>	<i>microglobosus</i>	<i>Saccolaimus mixtus</i>
<i>Pseudomys oralis</i>	<i>Redunca arundinum</i>	<i>Rhinolophus</i>	<i>Saccolaimus peli</i>
<i>Pseudomys patrius</i>	<i>Redunca fulvorufula</i>	<i>paradoxolophus</i>	<i>Saccolaimus</i>
<i>Pseudorca crassidens</i>	<i>Redunca redunca</i>	<i>Rhinolophus pearsonii</i>	<i>saccolaimus</i>
<i>Pseudoryzomys</i>	<i>Reithrodon auritus</i>	<i>Rhinolophus</i>	<i>Saccopteryx bilineata</i>
<i>simplex</i>	<i>Reithrodontomys burti</i>	<i>philippinensis</i>	<i>Saccopteryx canescens</i>
<i>Ptenochirus jagori</i>	<i>Reithrodontomys</i>	<i>Rhinolophus pusillus</i>	<i>Saccopteryx gymnura</i>
<i>Pteromys volans</i>	<i>fulvescens</i>	<i>Rhinolophus robinsoni</i>	<i>Saccopteryx leptura</i>
<i>Pteromyscus</i>	<i>Reithrodontomys</i>	<i>Rhinolophus rouxii</i>	<i>Saccostomus</i>
<i>pulverulentus</i>	<i>humulis</i>	<i>Rhinolophus sedulus</i>	<i>campestris</i>
<i>Pteronotus davyi</i>	<i>Reithrodontomys</i>	<i>Rhinolophus shameli</i>	<i>Saccostomus mearnsi</i>
<i>Pteronotus gymnotus</i>	<i>megalotis</i>	<i>Rhinolophus siamensis</i>	<i>Saguinus inustus</i>

<i>Saguinus midas</i>	<i>Scotorepens sanborni</i>	<i>Sorex hoyi</i>	<i>Suncus infinitesimus</i>
<i>Saimiri boliviensis</i>	<i>Scotozous dormeri</i>	<i>Sorex isodon</i>	<i>Suncus lixus</i>
<i>Saimiri sciureus</i>	<i>Scutisorex somereni</i>	<i>Sorex jacksoni</i>	<i>Suncus</i>
<i>Saimiri ustus</i>	<i>Semnopithecus</i>	<i>Sorex longirostris</i>	<i>madagascariensis</i>
<i>Sapajus apella</i>	<i>dussumieri</i>	<i>Sorex lyelli</i>	<i>Suncus malayanus</i>
<i>Sapajus cay</i>	<i>Semnopithecus entellus</i>	<i>Sorex maritimensis</i>	<i>Suncus megalura</i>
<i>Sapajus libidinosus</i>	<i>Semnopithecus priam</i>	<i>Sorex merriami</i>	<i>Suncus montanus</i>
<i>Sapajus macrocephalus</i>	<i>Setifer setosus</i>	<i>Sorex minutissimus</i>	<i>Suncus murinus</i>
<i>Sapajus nigrinus</i>	<i>Setonix brachyurus</i>	<i>Sorex minutus</i>	<i>Suncus remyi</i>
<i>Sapajus robustus</i>	<i>Sicista betulina</i>	<i>Sorex monticolus</i>	<i>Suncus varilla</i>
<i>Sarcophilus harrisii</i>	<i>Sigmodon alstoni</i>	<i>Sorex nanus</i>	<i>Sundamys infraluteus</i>
<i>Sauromys petrophilus</i>	<i>Sigmodon arizonae</i>	<i>Sorex neomexicanus</i>	<i>Sundamys muelleri</i>
<i>Scalopus aquaticus</i>	<i>Sigmodon fulviventer</i>	<i>Sorex ornatus</i>	<i>Sundasciurus brookei</i>
<i>Scapanus latimanus</i>	<i>Sigmodon hirsutus</i>	<i>Sorex pacificus</i>	<i>Sundasciurus hippurus</i>
<i>Scapanus orarius</i>	<i>Sigmodon hispidus</i>	<i>Sorex palustris</i>	<i>Sundasciurus jentinki</i>
<i>Scapanus townsendii</i>	<i>Sigmodon leucotis</i>	<i>Sorex preblei</i>	<i>Sundasciurus juvencus</i>
<i>Scapteromys tumidus</i>	<i>Sigmodon</i>	<i>Sorex roboratus</i>	<i>Sundasciurus lowii</i>
<i>Sciurillus pusillus</i>	<i>ochrognathus</i>	<i>Sorex rohweri</i>	<i>Sundasciurus tenuis</i>
<i>Sciurocheirus</i>	<i>Sigmodon toltecus</i>	<i>Sorex sonomae</i>	<i>Surdisorex norae</i>
<i>gabonensis</i>	<i>Sigmodontomys alfari</i>	<i>Sorex tenellus</i>	<i>Suricata suricatta</i>
<i>Sciurus aberti</i>	<i>Sminthopsis archeri</i>	<i>Sorex trowbridgii</i>	<i>Sus ahoenobarbus</i>
<i>Sciurus aestuans</i>	<i>Sminthopsis bindi</i>	<i>Sorex tundrensis</i>	<i>Sus barbatus</i>
<i>Sciurus alleni</i>	<i>Sminthopsis butleri</i>	<i>Sorex ugyunak</i>	<i>Sus philippensis</i>
<i>Sciurus arizonensis</i>	<i>Sminthopsis</i>	<i>Sorex unguiculatus</i>	<i>Sus scrofa</i>
<i>Sciurus aureogaster</i>	<i>crassicaudata</i>	<i>Sorex vagrans</i>	<i>Syconycteris australis</i>
<i>Sciurus carolinensis</i>	<i>Sminthopsis dolichura</i>	<i>Sorex veraecrucis</i>	<i>Sylvicapra grimmia</i>
<i>Sciurus deppei</i>	<i>Sminthopsis</i>	<i>Soricomys musseri</i>	<i>Sylvilagus aquaticus</i>
<i>Sciurus flammifer</i>	<i>fuliginosus</i>	<i>Sotalia fluviatilis</i>	<i>Sylvilagus audubonii</i>
<i>Sciurus gilvularis</i>	<i>Sminthopsis gilberti</i>	<i>Sotalia guianensis</i>	<i>Sylvilagus bachmani</i>
<i>Sciurus granatensis</i>	<i>Sminthopsis granulipes</i>	<i>Sousa chinensis</i>	<i>Sylvilagus brasiliensis</i>
<i>Sciurus griseus</i>	<i>Sminthopsis</i>	<i>Speothos venaticus</i>	<i>Sylvilagus cognatus</i>
<i>Sciurus ignitus</i>	<i>griseoventer</i>	<i>Sphaerias blanfordi</i>	<i>Sylvilagus floridanus</i>
<i>Sciurus igniventris</i>	<i>Sminthopsis hirtipes</i>	<i>Sphaeronycteris</i>	<i>Sylvilagus nuttallii</i>
<i>Sciurus nayaritensis</i>	<i>Sminthopsis leucopus</i>	<i>toxophyllum</i>	<i>Sylvilagus palustris</i>
<i>Sciurus niger</i>	<i>Sminthopsis</i>	<i>Spilocus maculatus</i>	<i>Sylvilagus robustus</i>
<i>Sciurus oculatus</i>	<i>longicaudata</i>	<i>Spilogale angustifrons</i>	<i>Sylvisorex granti</i>
<i>Sciurus spadiceus</i>	<i>Sminthopsis macroura</i>	<i>Spilogale gracilis</i>	<i>Sylvisorex johnstoni</i>
<i>Sciurus vulgaris</i>	<i>Sminthopsis murina</i>	<i>Spilogale putorius</i>	<i>Sylvisorex konganensis</i>
<i>Scleronycteris ega</i>	<i>Sminthopsis ooldea</i>	<i>Steatomys krebsii</i>	<i>Sylvisorex ollula</i>
<i>Scoteanax rueppellii</i>	<i>Sminthopsis</i>	<i>Steatomys opimus</i>	<i>Sylvisorex oriundus</i>
<i>Scotoecus albofuscus</i>	<i>psammophila</i>	<i>Steatomys parvus</i>	<i>Symphalangus</i>
<i>Scotoecus hirundo</i>	<i>Sminthopsis virginiae</i>	<i>Steatomys pratensis</i>	<i>syndactylus</i>
<i>Scotomanes ornatus</i>	<i>Sminthopsis youngsoni</i>	<i>Stenella attenuata</i>	<i>Synaptomys borealis</i>
<i>Scotonycteris zenkeri</i>	<i>Smutsia gigantea</i>	<i>Stenella clymene</i>	<i>Synaptomys cooperi</i>
<i>Scotophilus</i>	<i>Smutsia temminckii</i>	<i>Stenella coeruleoalba</i>	<i>Syncerus caffer</i>
<i>andrewreborii</i>	<i>Sooretamys angouya</i>	<i>Stenella frontalis</i>	<i>Tachyglossus aculeatus</i>
<i>Scotophilus dinganii</i>	<i>Sorex alaskanus</i>	<i>Stenella longirostris</i>	<i>Tachyoryctes</i>
<i>Scotophilus heathii</i>	<i>Sorex araneus</i>	<i>Steno bredanensis</i>	<i>splendens</i>
<i>Scotophilus kuhlii</i>	<i>Sorex arcticus</i>	<i>Stochomys</i>	<i>Tadarida aegyptiaca</i>
<i>Scotophilus</i>	<i>Sorex arizonae</i>	<i>longicaudatus</i>	<i>Tadarida brasiliensis</i>
<i>leucogaster</i>	<i>Sorex bairdi</i>	<i>Sturnira erythromos</i>	<i>Tadarida fulminans</i>
<i>Scotophilus nigrita</i>	<i>Sorex bendirii</i>	<i>Sturnira lilium</i>	<i>Tadarida latouchi</i>
<i>Scotophilus nux</i>	<i>Sorex caecutiens</i>	<i>Sturnira ludovici</i>	<i>Tadarida lobata</i>
<i>Scotophilus robustus</i>	<i>Sorex cinereus</i>	<i>Sturnira magna</i>	<i>Tadarida ventralis</i>
<i>Scotophilus tandrefana</i>	<i>Sorex daphaenodon</i>	<i>Sturnira oporaphilum</i>	<i>Talpa altaica</i>
<i>Scotophilus viridis</i>	<i>Sorex dispar</i>	<i>Sturnira tildae</i>	<i>Tamandua mexicana</i>
<i>Scotorepens balstoni</i>	<i>Sorex fumeus</i>	<i>Suncus dayi</i>	<i>Tamandua tetradactyla</i>
<i>Scotorepens greyii</i>	<i>Sorex gracillimus</i>	<i>Suncus etruscus</i>	<i>Tamias striatus</i>
<i>Scotorepens orion</i>	<i>Sorex haydeni</i>	<i>Suncus hosei</i>	<i>Tamiasciurus douglasii</i>

<i>Tamiasciurus</i>	<i>Thylamys karimii</i>	<i>Tupaia longipes</i>	<i>Vespadelus</i>
<i>hudsonicus</i>	<i>Thylamys venustus</i>	<i>Tupaia minor</i>	<i>douglasorum</i>
<i>Tamiodips maclellandii</i>	<i>Thylogale billardieri</i>	<i>Tupaia montana</i>	<i>Vespadelus finlaysoni</i>
<i>Taphozous australis</i>	<i>Thylogale stigmatica</i>	<i>Tupaia nicobarica</i>	<i>Vespadelus pumilus</i>
<i>Taphozous georgianus</i>	<i>Thylogale thetis</i>	<i>Tupaia palawanensis</i>	<i>Vespadelus regulus</i>
<i>Taphozous hilli</i>	<i>Thyroptera discifera</i>	<i>Tupaia picta</i>	<i>Vespadelus troughtoni</i>
<i>Taphozous kapalgensis</i>	<i>Thyroptera tricolor</i>	<i>Tupaia tana</i>	<i>Vespadelus vulturnus</i>
<i>Taphozous longimanus</i>	<i>Thyroptera wynneae</i>	<i>Tursiops aduncus</i>	<i>Vespertilio murinus</i>
<i>Taphozous mauritanus</i>	<i>Tolypeutes matacus</i>	<i>Tursiops truncatus</i>	<i>Vespertilio sinensis</i>
<i>Taphozous</i>	<i>Tonatia bidens</i>	<i>Tylonycteris pachypus</i>	<i>Viverra civettina</i>
<i>melanopogon</i>	<i>Tonatia saurophila</i>	<i>Tylonycteris robustula</i>	<i>Viverra megaspila</i>
<i>Taphozous nudiventris</i>	<i>Trachops cirrhosus</i>	<i>Uranomys ruddi</i>	<i>Viverra tangalunga</i>
<i>Taphozous perforatus</i>	<i>Trachypithecus</i>	<i>Urocitellus armatus</i>	<i>Viverra zibetha</i>
<i>Taphozous theobaldi</i>	<i>cristatus</i>	<i>Urocitellus beldingi</i>	<i>Viverricula indica</i>
<i>Taphozous troughtoni</i>	<i>Trachypithecus johnii</i>	<i>Urocitellus canus</i>	<i>Vombatus ursinus</i>
<i>Tapirus indicus</i>	<i>Trachypithecus</i>	<i>Urocitellus</i>	<i>Vulpes bengalensis</i>
<i>Tapirus terrestris</i>	<i>obscurus</i>	<i>columbianus</i>	<i>Vulpes chama</i>
<i>Tarsipes rostratus</i>	<i>Trachypithecus phayrei</i>	<i>Urocitellus elegans</i>	<i>Vulpes corsac</i>
<i>Tarsius bancanus</i>	<i>Trachypithecus vetulus</i>	<i>Urocitellus mollis</i>	<i>Vulpes lagopus</i>
<i>Tasmacetus shepherdi</i>	<i>Tragelaphus eurycerus</i>	<i>Urocitellus parryi</i>	<i>Vulpes macrotis</i>
<i>Tatera indica</i>	<i>Tragelaphus imberbis</i>	<i>Urocitellus richardsonii</i>	<i>Vulpes velox</i>
<i>Taterillus conigicus</i>	<i>Tragelaphus oryx</i>	<i>Urocitellus townsendii</i>	<i>Vulpes vulpes</i>
<i>Taterillus emini</i>	<i>Tragelaphus scriptus</i>	<i>Urocitellus</i>	<i>Wallabia bicolor</i>
<i>Taxidea taxus</i>	<i>Tragelaphus spekii</i>	<i>washingtoni</i>	<i>Wyulda squamicaudata</i>
<i>Tayassu pecari</i>	<i>Tragelaphus</i>	<i>Urocyon</i>	<i>Xeromys myoides</i>
<i>Tenrec ecaudatus</i>	<i>strepsiceros</i>	<i>cinereoargenteus</i>	<i>Xerospermophilus</i>
<i>Tetracerus quadricornis</i>	<i>Tragulus kanchil</i>	<i>Urocyon littoralis</i>	<i>mohavensis</i>
<i>Thallomys loringi</i>	<i>Tragulus napu</i>	<i>Uroderma bilobatum</i>	<i>Xerospermophilus</i>
<i>Thallomys nigricauda</i>	<i>Transandinomys</i>	<i>Uroderma</i>	<i>spilosoma</i>
<i>Thallomys paedulcus</i>	<i>talamancae</i>	<i>magnirostrum</i>	<i>Xerospermophilus</i>
<i>Thalpomys cerradensis</i>	<i>Tremarctos ornatus</i>	<i>Uromys</i>	<i>tereticaudus</i>
<i>Thalpomys lasiotis</i>	<i>Triaenops afer</i>	<i>caudimaculatus</i>	<i>Xerus erythropus</i>
<i>Thamnomys</i>	<i>Triaenops persicus</i>	<i>Uromys hadrourus</i>	<i>Xerus inauris</i>
<i>schoutedeni</i>	<i>Triaenops rufus</i>	<i>Ursus americanus</i>	<i>Xerus rutilus</i>
<i>Thaptomys nigrita</i>	<i>Trichechus manatus</i>	<i>Ursus arctos</i>	<i>Zaedyus pichiy</i>
<i>Thomasomys aureus</i>	<i>Trichosurus caninus</i>	<i>Ursus maritimus</i>	<i>Zalophus californianus</i>
<i>Thomasomys daphne</i>	<i>Trichosurus</i>	<i>Ursus thibetanus</i>	<i>Zapus hudsonius</i>
<i>Thomomys bottae</i>	<i>cunninghami</i>	<i>Vampyressa melissa</i>	<i>Zapus princeps</i>
<i>Thomomys bulbivorus</i>	<i>Trichosurus vulpecula</i>	<i>Vampyressa pusilla</i>	<i>Zapus trinotatus</i>
<i>Thomomys idahoensis</i>	<i>Trichys fasciculata</i>	<i>Vampyressa thyone</i>	<i>Zelotomys</i>
<i>Thomomys mazama</i>	<i>Trinomys iheringi</i>	<i>Vampyriscus bidens</i>	<i>hildegardae</i>
<i>Thomomys monticola</i>	<i>Trinomys setosus</i>	<i>Vampyriscus brocki</i>	<i>Zelotomys woosnami</i>
<i>Thomomys talpoides</i>	<i>Trinycteris nicefori</i>	<i>Vampyrodes caraccioli</i>	<i>Zenkerella insignis</i>
<i>Thomomys townsendii</i>	<i>Tryphomys adustus</i>	<i>Vampyrum spectrum</i>	<i>Ziphius cavirostris</i>
<i>Thomomys umbrinus</i>	<i>Tscherskia triton</i>	<i>Vandeleuria nilagirica</i>	<i>Zygodontomys</i>
<i>Thrichomys pachyurus</i>	<i>Tupaia belangeri</i>	<i>Vandeleuria oleracea</i>	<i>brevicauda</i>
<i>Thryonomys</i>	<i>Tupaia dorsalis</i>	<i>Vespadelus baverstocki</i>	<i>Zyzomys argurus</i>
<i>gregorianus</i>	<i>Tupaia glis</i>	<i>Vespadelus caurinus</i>	<i>Zyzomys maini</i>
<i>Thryonomys</i>	<i>Tupaia gracilis</i>	<i>Vespadelus darlingtoni</i>	<i>Zyzomys pedunculatus</i>
<i>swinderianus</i>	<i>Tupaia javanica</i>		<i>Zyzomys woodwardia</i>

Tab. S7. List of bird species used in the analysis

<i>Abroscopus albogularis</i>	<i>Acrocephalus griseldis</i>	<i>Alaudala rufescens</i>	<i>Amytornis housei</i>
<i>Abroscopus superciliaris</i>	<i>Acrocephalus newtoni</i>	<i>Alaudala somalica</i>	<i>Amytornis modestus</i>
<i>Acanthagenys rufogularis</i>	<i>Acrocephalus orientalis</i>	<i>Alca torda</i>	<i>Amytornis purnelli</i>
<i>Acanthis flammea</i>	<i>Acrocephalus palustris</i>	<i>Alcippe brunneicauda</i>	<i>Amytornis striatus</i>
<i>Acanthiza apicalis</i>	<i>Acrocephalus rufescens</i>	<i>Alcippe morrisonia</i>	<i>Amytornis woodwardi</i>
<i>Acanthiza chrysorrhoa</i>	<i>Acrocephalus schoenobaenus</i>	<i>Alcippe peracensis</i>	<i>Anabacerthia amaurotis</i>
<i>Acanthiza ewingii</i>	<i>Acrocephalus scirpaceus</i>	<i>Alcippe poioicephala</i>	<i>Anabacerthia lichtensteini</i>
<i>Acanthiza inornata</i>	<i>Acrocephalus stentoreus</i>	<i>Alectrurus risora</i>	<i>Anabacerthia ruficaudata</i>
<i>Acanthiza iredalei</i>	<i>Acrocephalus tangorum</i>	<i>Alectrurus tricolor</i>	<i>Anabacerthia striaticollis</i>
<i>Acanthiza katherina</i>	<i>Actinodura radcliffei</i>	<i>Alethe castanea</i>	<i>Anabathmis reichenbachii</i>
<i>Acanthiza lineata</i>	<i>Aechmophorus occidentalis</i>	<i>Alle alle</i>	<i>Anabazenops fuscus</i>
<i>Acanthiza pusilla</i>	<i>Aegithalos caudatus</i>	<i>Alophoixus finschii</i>	<i>Anairetes flavirostris</i>
<i>Acanthiza reguloides</i>	<i>Aegithina lafresnayei</i>	<i>Alophoixus frater</i>	<i>Anairetes parulus</i>
<i>Acanthiza robustirostris</i>	<i>Aegithina nigrolutea</i>	<i>Alophoixus ochraceus</i>	<i>Anaplectes leuconotos</i>
<i>Acanthiza uropygialis</i>	<i>Aegithina tiphia</i>	<i>Alophoixus pallidus</i>	<i>Anaplectes rubriceps</i>
<i>Acanthorhynchus superciliosus</i>	<i>Aegithina viridissima</i>	<i>Alophoixus phaeocephalus</i>	<i>Ancistrops strigilatus</i>
<i>Acanthorhynchus tenuirostris</i>	<i>Aethia cristatella</i>	<i>Alophoixus ruficrissus</i>	<i>Andropadus importunus</i>
<i>Acanthornis magna</i>	<i>Aethia psittacula</i>	<i>Alophoixus tephrogenys</i>	<i>Anhinga rufa</i>
<i>Accipiter badius</i>	<i>Aethia pusilla</i>	<i>Alopocheilidon fucata</i>	<i>Anisognathus flavinucha</i>
<i>Accipiter bicolor</i>	<i>Aethia pygmaea</i>	<i>Amadina erythrocephala</i>	<i>Anisognathus igniventris</i>
<i>Accipiter castanilius</i>	<i>Aethopyga bella</i>	<i>Amandava amandava</i>	<i>Anisognathus lacrymosus</i>
<i>Accipiter cirrocephalus</i>	<i>Aethopyga flagrans</i>	<i>Amandava subflava</i>	<i>Anomalospiza imberbis</i>
<i>Accipiter poliogaster</i>	<i>Aethopyga gouldiae</i>	<i>Amaurospiza moesta</i>	<i>Anser fabalis</i>
<i>Accipiter striatus</i>	<i>Aethopyga pulcherrima</i>	<i>Amazona bodini</i>	<i>Anthipes monileger</i>
<i>Accipiter tachiro</i>	<i>Aethopyga saturata</i>	<i>Amazona dufresniana</i>	<i>Anthipes solitarius</i>
<i>Accipiter toussenellii</i>	<i>Aethopyga shelleyi</i>	<i>Amazona farinosa</i>	<i>Anthobaphes violacea</i>
<i>Accipiter trivirgatus</i>	<i>Aethopyga siparaja</i>	<i>Amblycercus holosericeus</i>	<i>Anthochaera carunculata</i>
<i>Achaetops pycnopygius</i>	<i>Aethopyga temminckii</i>	<i>Amblyospiza albifrons</i>	<i>Anthochaera chrysoptera</i>
<i>Acridotheres cristatellus</i>	<i>Afropavo congensis</i>	<i>Amblyramphus holosericeus</i>	<i>Anthochaera lunulata</i>
<i>Acridotheres fuscus</i>	<i>Agelaioides badius</i>	<i>Ammodramus aurifrons</i>	<i>Anthochaera paradoxa</i>
<i>Acridotheres ginginianus</i>	<i>Agelaius phoeniceus</i>	<i>Ammodramus humeralis</i>	<i>Anthochaera phrygia</i>
<i>Acridotheres grandis</i>	<i>Agelastus cyanopus</i>	<i>Ammodramus savannarum</i>	<i>Anthoscopus caroli</i>
<i>Acridotheres tristis</i>	<i>Agelastus thilius</i>	<i>Ammomanes phoenicura</i>	<i>Anthoscopus flavifrons</i>
<i>Acritillas indica</i>	<i>Agricola infuscatus</i>	<i>Ammospiza caudacuta</i>	<i>Anthoscopus minutus</i>
<i>Acrocephalus agricola</i>	<i>Agricola pallidus</i>	<i>Ammospiza leconteii</i>	<i>Anthoscopus musculus</i>
<i>Acrocephalus arundinaceus</i>	<i>Agriornis lividus</i>	<i>Ammospiza maritima</i>	<i>Anthoscopus sylvicola</i>
<i>Acrocephalus australis</i>	<i>Agriornis montanus</i>	<i>Ammospiza nelsoni</i>	<i>Anthreptes auranus</i>
<i>Acrocephalus bistrigiceps</i>	<i>Agriornis murinus</i>	<i>Ampeliceps coronatus</i>	<i>Anthreptes griseigularis</i>
<i>Acrocephalus concinens</i>	<i>Agropsar philippensis</i>	<i>Ampelioides tshudii</i>	<i>Anthreptes longuemare</i>
<i>Acrocephalus dumetorum</i>	<i>Ailuroedus crassirostris</i>	<i>Ampelion rubrocristatus</i>	<i>Anthreptes malacensis</i>
<i>Acrocephalus gracilirostris</i>	<i>Ailuroedus melanotis</i>	<i>Ampelion rufaxilla</i>	<i>Anthreptes orientalis</i>
	<i>Aimophila rufescens</i>	<i>Amphispiza bilineata</i>	
	<i>Aimophila ruficeps</i>	<i>Amphispiza</i>	
	<i>Akletos melanocephalus</i>	<i>quinqestriata</i>	
	<i>Alauda arvensis</i>	<i>Amytornis barbatus</i>	
	<i>Alauda gulgula</i>	<i>Amytornis goyderi</i>	
	<i>Alauda raytal</i>		

<i>Anthreptes</i>	<i>Aphelocephala</i>	<i>Arremon brunneinucha</i>	<i>Automolus rufipileatus</i>
<i>rhodolaemus</i>	<i>pectoralis</i>	<i>Arremon flavirostris</i>	<i>Automolus subulatus</i>
<i>Anthreptes seimundi</i>	<i>Aphelocoma</i>	<i>Arremon perijanus</i>	<i>Aythya valisineria</i>
<i>Anthreptes simplex</i>	<i>californica</i>	<i>Arremon schlegeli</i>	<i>Baeolophus</i>
<i>Anthreptes</i>	<i>Aphelocoma</i>	<i>Arremon semitorquatus</i>	<i>atricristatus</i>
<i>tephrolaemus</i>	<i>coerulescens</i>	<i>Arremon taciturnus</i>	<i>Baeolophus bicolor</i>
<i>Anthropoides</i>	<i>Aphelocoma</i>	<i>Arremon torquatus</i>	<i>Baeolophus inornatus</i>
<i>paradiseus</i>	<i>wollweberi</i>	<i>Arremonops conirostris</i>	<i>Baeolophus ridgwayi</i>
<i>Anthropoides virgo</i>	<i>Aphrastura spinicauda</i>	<i>Arremonops</i>	<i>Baeolophus wollweberi</i>
<i>Anthus bogotensis</i>	<i>Aplonis metallica</i>	<i>rufivirgatus</i>	<i>Baeopogon clamans</i>
<i>Anthus brachyurus</i>	<i>Aplonis panayensis</i>	<i>Arremonops tocuyensis</i>	<i>Baeopogon indicator</i>
<i>Anthus caffer</i>	<i>Aprositornis disjuncta</i>	<i>Arses kaupi</i>	<i>Balaeniceps rex</i>
<i>Anthus campestris</i>	<i>Aptenodytes</i>	<i>Arses lorealis</i>	<i>Balearica regulorum</i>
<i>Anthus cervinus</i>	<i>patagonicus</i>	<i>Artamella viridis</i>	<i>Basileuterus auricapilla</i>
<i>Anthus chacoensis</i>	<i>Apus nipalensis</i>	<i>Artamus cinereus</i>	<i>Basileuterus belli</i>
<i>Anthus cinnamomeus</i>	<i>Aquila heliaca</i>	<i>Artamus cyanopterus</i>	<i>Basileuterus cabanisi</i>
<i>Anthus correndera</i>	<i>Aquila nipalensis</i>	<i>Artamus fuscus</i>	<i>Basileuterus</i>
<i>Anthus crenatus</i>	<i>Aquila rapax</i>	<i>Artamus leucoryn</i>	<i>culicivorus</i>
<i>Anthus godlewskii</i>	<i>Aquila spilogaster</i>	<i>Artamus minor</i>	<i>Basileuterus</i>
<i>Anthus gustavi</i>	<i>Aquila verreauxii</i>	<i>Artamus personatus</i>	<i>hypoleucus</i>
<i>Anthus hellmayri</i>	<i>Arachnothera affinis</i>	<i>Artamus superciliosus</i>	<i>Basileuterus</i>
<i>Anthus hodgsoni</i>	<i>Arachnothera</i>	<i>Artemisiospiza belli</i>	<i>lachrymosus</i>
<i>Anthus hoeschi</i>	<i>chrysogenys</i>	<i>Artemisiospiza</i>	<i>Basileuterus rufifrons</i>
<i>Anthus leucophrys</i>	<i>Arachnothera clarae</i>	<i>nevadensis</i>	<i>Basileuterus tristriatus</i>
<i>Anthus lutescens</i>	<i>Arachnothera</i>	<i>Arundinax aedon</i>	<i>Batara cinerea</i>
<i>Anthus nattereri</i>	<i>crassirostris</i>	<i>Arundinicola</i>	<i>Bathmocercus rufus</i>
<i>Anthus nilghiriensis</i>	<i>Arachnothera dilutior</i>	<i>leucocephala</i>	<i>Batis capensis</i>
<i>Anthus</i>	<i>Arachnothera</i>	<i>Asemospiza fuliginosa</i>	<i>Batis erlangeri</i>
<i>novaeeseelandiae</i>	<i>flavigaster</i>	<i>Asemospiza obscura</i>	<i>Batis ituriensis</i>
<i>Anthus nyassae</i>	<i>Arachnothera</i>	<i>Ashbyia lovensis</i>	<i>Batis mixta</i>
<i>Anthus pratensis</i>	<i>hypogrammica</i>	<i>Asthenes anthoides</i>	<i>Batis molitor</i>
<i>Anthus richardi</i>	<i>Arachnothera juliae</i>	<i>Asthenes harterti</i>	<i>Batis occulta</i>
<i>Anthus rubescens</i>	<i>Arachnothera</i>	<i>Asthenes modesta</i>	<i>Batis perkeo</i>
<i>Anthus rufulus</i>	<i>longirostra</i>	<i>Asthenes pyrrholeuca</i>	<i>Batis pririt</i>
<i>Anthus similis</i>	<i>Arachnothera magna</i>	<i>Asthenes urubambensis</i>	<i>Berlepschia rikeri</i>
<i>Anthus spragueii</i>	<i>Arachnothera modesta</i>	<i>Asthenes wyatti</i>	<i>Bernieria</i>
<i>Anthus trivialis</i>	<i>Arachnothera robusta</i>	<i>Atimastillas flavigula</i>	<i>madagascariensis</i>
<i>Anthus vaalensis</i>	<i>Aramides axillaris</i>	<i>Atlapetes fulviceps</i>	<i>Bias musicus</i>
<i>Antigone rubicunda</i>	<i>Aramides cajaneus</i>	<i>Atlapetes nigrifrons</i>	<i>Biatas nigropectus</i>
<i>Antilophia galeata</i>	<i>Aramides saracura</i>	<i>Atlapetes personatus</i>	<i>Bleda notatus</i>
<i>Antrostomus vociferus</i>	<i>Aramides ypecaha</i>	<i>Atlapetes pileatus</i>	<i>Bleda syndactylus</i>
<i>Anumbius annumbi</i>	<i>Ardea intermedia</i>	<i>Atlapetes rufinucha</i>	<i>Bleda ugandae</i>
<i>Apalis alticola</i>	<i>Ardea plumifera</i>	<i>Atlapetes schistaceus</i>	<i>Blythipicus</i>
<i>Apalis cinerea</i>	<i>Ardenna carneipes</i>	<i>Atrichornis rufescens</i>	<i>rubiginosus</i>
<i>Apalis flavida</i>	<i>Ardenna creatopus</i>	<i>Atticora fasciata</i>	<i>Bocagia minuta</i>
<i>Apalis goslingi</i>	<i>Ardenna gravis</i>	<i>Atticora tibialis</i>	<i>Bolemoreus frenatus</i>
<i>Apalis jacksoni</i>	<i>Ardenna grisea</i>	<i>Attila bolivianus</i>	<i>Bombycilla cedrorum</i>
<i>Apalis karamojae</i>	<i>Ardenna pacifica</i>	<i>Attila cinnamomeus</i>	<i>Bombycilla garrulus</i>
<i>Apalis melanocephala</i>	<i>Ardenna tenuirostris</i>	<i>Attila citriniventris</i>	<i>Bombycilla japonica</i>
<i>Apalis nigriceps</i>	<i>Argya aylmeri</i>	<i>Attila phoenicurus</i>	<i>Bonasa bonasia</i>
<i>Apalis porphyrolaema</i>	<i>Argya caudata</i>	<i>Attila rufus</i>	<i>Brachycope anomala</i>
<i>Apalis rufogularis</i>	<i>Argya malcolmi</i>	<i>Attila spadiceus</i>	<i>Brachypodius atriceps</i>
<i>Apalis thoracica</i>	<i>Argya rubiginosa</i>	<i>Auriparus flaviceps</i>	<i>Brachypodius</i>
<i>Aphanotriccus audax</i>	<i>Argya subrufa</i>	<i>Automolus infuscatus</i>	<i>priocephalus</i>
<i>Aphelocephala</i>	<i>Arizelocichla</i>	<i>Automolus</i>	<i>Brachypteryx cruralis</i>
<i>leucopsis</i>	<i>masukuensis</i>	<i>leucophthalmus</i>	<i>Brachypteryx</i>
<i>Aphelocephala</i>	<i>Arizelocichla nigriceps</i>	<i>Automolus</i>	<i>erythrogyna</i>
<i>nigricincta</i>	<i>Arizelocichla</i>	<i>ochrolaemus</i>	<i>Brachypteryx</i>
	<i>striifacies</i>	<i>Automolus paraensis</i>	<i>leucophrys</i>

Brachypteryx poliogyna	Calendulauda albescens	Campylorhynchus zonatus	Ceratopipra erythrocephala
Brachypteryx saturata	Calendulauda alopex	Cantorchilus	Ceratopipra rubrocapilla
Bradornis boehmi	Calendulauda poecilosterna	guarayanus	Cercococcyx montanus
Bradornis comitatus	Calendulauda sabota	Cantorchilus leucotis	Cercococcyx olivinus
Bradornis fuliginosus	Calicalicus	Cantorchilus	Cercomacra brasiliana
Bradornis mariquensis	madagascariensis	longirostris	Cercomacra
Bradornis	Calicalicus rufocarpalis	Capsiempis flaveola	cinerascens
microrhynchus	Calidris ferruginea	Cardellina canadensis	Cercomacra melanaria
Bradypterus baboecala	Calidris pygmaea	Cardellina pusilla	Cercomacra melanaria
Bradypterus barratti	Caligavis chrysops	Cardellina rubrifrons	Cercomacroides
Bradypterus centralis	Calliope calliope	Cardinalis cardinalis	fuscauda
Bradypterus	Calliope obscura	Cardinalis phoeniceus	Cercomacroides
cinnamomeus	Calonectris borealis	Cardinalis sinuatus	nigrescens
Bradypterus grandis	Calonectris leucomelas	Carduelis carduelis	Cercomacroides
Bradypterus lopezi	Calyptocichla serinus	Carduelis carduelis	tyrannina
Bubalornis albirostris	Calyptomena hosii	Carpodacus erythrinus	Cercotrichas galactotes
Bubalornis niger	Calyptomena viridis	Carpodacus roseus	Cercotrichas hartlaubi
Bulweria bulwerii	Calyptomena	Carpodacus sibiricus	Cercotrichas
Buphagus africanus	whiteheadi	Carpornis cucullata	Cercotrichas
Buphagus	Camaroptera brachyura	Carterornis leucotis	leucophrys
erythrorhynchus	Camaroptera	Caryothraustes	Cercotrichas paena
Buthraupis montana	chloronota	canadensis	Cereopsis
Cacatua	Camaroptera	Caryothraustes celaeno	novae-hollandiae
haematurophygia	superciliaris	Caryothraustes	Cerorhinca monocerata
Cacicus cela	Camaroptera	erythromelas	Certhia americana
Cacicus chrysnotus	superciliaris	Casiornis rufus	Certhia familiaris
Cacicus chrysopterus	Camaroptera toroensis	Castanozoster	Certhia manipurensis
Cacicus haemorrhous	Campephaga flava	thoracicus	Certhiasomus
Cacicus solitarius	Campephaga petiti	Catamblyrhynchus	stictolaemus
Cacicus uropygialis	Campephaga	diadema	Certhiaxis
Cacicus vitellinus	phoenicea	Catamenia analis	cinnamomeus
Calamanthus	Campephaga	Catamenia homochroa	Certhilauda
campestris	quiscalina	Catamenia inornata	semitorquata
Calamanthus cautus	Campicoloides	Catharacta antarctica	Certhilauda
Calamanthus	bifasciatus	Catharacta skua	subcoronata
fuliginosus	Camptostoma imberbe	Catharus aurantirostris	Certhionyx variegatus
Calamanthus	Camptostoma	Catharus bicknelli	Ceryle rudis
montanellus	obsoletum	Catharus dryas	Cettia
Calamanthus	Campylorhamphus	Catharus frantzii	castaneocoronata
pyrrhopygius	falcularius	Catharus fuscater	castaneocoronata
Calamonastes	Campylorhamphus	Catharus fuscescens	Ceuthmochares aereus
fasciolatus	probatas	Catharus guttatus	Ceyx azureus
Calamonastes simplex	Campylorhamphus	Catharus mexicanus	Chaetops frenatus
Calamonastes stierlingi	procurvoides	Catharus minimus	Chaetornis striata
Calamonastes undosus	Campylorhamphus	Catharus occidentalis	Chaetura meridionalis
Calamonastides	pusillus	Catharus swainsoni	Chaetura pelagica
gracilirostris	Campylorhamphus	Catharus ustulatus	Chalcites lucidus
Calamospiza	trochilirostris	Catherpes mexicanus	Chalcites minutillus
melanocorys	Campylorhynchus	Ceblepyris caesus	Chalcites osculans
Calandrella acutirostris	brunneicapillus	Ceblepyris cinereus	Chalcomitra
Calandrella cinerea	Campylorhynchus	Ceblepyris pectoralis	amethystina
Calandrella	griseus	Cecropis abyssinica	Chalcomitra hunteri
dukhunensis	Campylorhynchus	Cecropis cucullata	Chalcomitra rubescens
Calcarius lapponicus	gularis	Cecropis daurica	Chalcomitra
Calcarius ornatus	Campylorhynchus	Cecropis hyperythra	senegalensis
Calcarius pictus	nuchalis	Cephalopterus ornatus	Chalcoparia singalensis
Calendulauda	Campylorhynchus	Ceratopipra	Chalcophaps indica
africanoides	turdinus	chloromeros	Chalcophaps
		Ceratopipra cornuta	longirostris
			Chalcostigma ruficeps

Chalybura buffonii	Chlamydera	Chlorostilbon russatus	Cincloramphus
Chamaea fasciata	cerviniventris	Chondestes grammacus	timoriensis
Chamaepetes goudotii	Chlamydera guttata	Chondrohierax	Cinclosoma alisteri
Chamaetylas	Chlamydera maculata	uncinatus	Cinclosoma
poliocephala	Chlamydera nuchalis	Chordeiles acutipennis	castaneothorax
Chamaeza	Chlamydochaera	Chordeiles minor	Cinclosoma
campanisona	jefferyi	Chordeiles nacunda	castanotum
Chamaeza mollissima	Chlidonias hybrida	Chordeiles pusillus	Cinclosoma
Chamaeza nobilis	Chlidonias niger	Chordeiles rupestris	cinnamomeum
Chamaeza ruficauda	Chloebia gouldiae	Chrysococcyx caprius	Cinclosoma
Charadrius	Chloephaga hybrida	Chrysococcyx cupreus	marginatum
alexandrinus	Chloephaga picta	Chrysococcyx klaas	Cinclosoma punctatum
Charadrius alticola	Chloephaga	Chrysococcyx	Cinclus leucocephalus
Charadrius asiaticus	poliocephala	maculatus	Cinclus mexicanus
Charadrius bicinctus	Chloephaga rubidiceps	Chrysocolaptes	Cinclus pallasii
Charadrius bifrontatus	Chloris ambigua	haematribon	Cinnycerthia fulva
Charadrius collaris	Chloris chloris	Chrysocolaptes	Cinnycerthia unirufa
Charadrius dealbatus	Chloris sinica	stricklandi	Cinnyricinclus
Charadrius dubius	Chloroceryle inda	Chrysocolaptes validus	leucogaster
Charadrius	Chlorocharis emiliae	Chrysolampis	Cinnyris afer
falklandicus	Chlorochrysa	mosquitus	Cinnyris asiaticus
Charadrius forbesi	fulgentissima	Chrysominla strigula	Cinnyris batesi
Charadrius hiaticula	Chlorocichla	Chrysomma sinense	Cinnyris bifasciatus
Charadrius	falkensteini	Chrysomus	Cinnyris bouvieri
leschenaultii	Chlorocichla	icterocephalus	Cinnyris chalybeus
Charadrius marginatus	flaviventris	Chrysomus ruficapillus	Cinnyris chloropygius
Charadrius melodus	Chlorocichla laetissima	Chrysophlegma	Cinnyris coccinigastrus
Charadrius modestus	Chlorocichla simplex	flavinucha	Cinnyris congensis
Charadrius montanus	Chlorophanes spiza	Chrysophlegma humii	Cinnyris cupreus
Charadrius nivosus	Chlorophoneus bocagei	Chrysophlegma	Cinnyris erythrocerus
Charadrius pallidus	Chlorophoneus	miniacum	Cinnyris fuscus
Charadrius pecuarius	multicolor	Chrysurnia oenone	Cinnyris gertrudis
Charadrius peronii	Chlorophoneus	Ciccaba albitarsis	Cinnyris habessinicus
Charadrius placidus	nigrifrons	Ciccaba huhula	Cinnyris johannae
Charadrius ruficapillus	Chlorophoneus	Ciccaba nigrolineata	Cinnyris lotenius
Charadrius	olivaceus	Ciccaba virgata	Cinnyris mariquensis
semipalmatus	Chlorophoneus	Cichladusa arquata	Cinnyris mediocris
Charadrius thoracicus	sulfureopectus	Cichladusa guttata	Cinnyris melanogastrus
Charadrius tricoloris	Chlorophonia cyanea	Cichladusa ruficauda	Cinnyris minullus
Charadrius veredus	Chloropsis aurifrons	Cichlocolaptes	Cinnyris nectarinioides
Charadrius vociferus	Chloropsis cyanopogon	leucophrus	Cinnyris notatus
Charadrius wilsonia	Chloropsis hardwickii	Cichlopsis gularis	Cinnyris osea
Charitospiza eucosma	Chloropsis jerdoni	Cichlopsis leucogenys	Cinnyris pulchellus
Chelidoptera tenebrosa	Chloropsis	Ciconia abdimii	Cinnyris reichenowi
Chelidorthyx	kinabaluensis	Ciconia boyciana	Cinnyris shelleyi
hypoxanthus	Chloropsis media	Ciconia ciconia	Cinnyris sovimanga
Chenonetta jubata	Chloropsis	Ciconia episcopus	Cinnyris superbus
Cheramoeca	moluccensis	Ciconia maguari	Cinnyris talatala
leucosterna	Chloropsis	Ciconia microscelis	Cinnyris venustus
Chersomanes	palawanensis	Ciconia nigra	Circaetus cinerascens
albofasciata	Chloropsis sonnerati	Ciconia stormi	Circaetus cinereus
Chionis albus	Chloropsis venusta	Cinclodes albiventris	Circaetus gallicus
Chionodactylon	Chlorospingus	Cinclodes fuscus	Circaetus pectoralis
speculiferum	flavopectus	Cinclodes oustaleti	Circus aeruginosus
Chiroxiphia boliviana	Chlorostilbon gibsoni	Cinclodes pabsti	Circus approximans
Chiroxiphia caudata	Chlorostilbon lucidus	Cinclodes patagonicus	Circus assimilis
Chiroxiphia lanceolata	Chlorostilbon	Cincloramphus cruralis	Circus buffoni
Chiroxiphia pareola	mellisugus	Cincloramphus	Circus cinereus
	Chlorostilbon notatus	mathewsi	Circus cyaneus

<i>Circus hudsonius</i>	<i>Clangula hyemalis</i>	<i>Colius colius</i>	<i>Contopus pertinax</i>
<i>Circus macrosceles</i>	<i>Claravis geoffroyi</i>	<i>Colius striatus</i>	<i>Contopus sordidulus</i>
<i>Circus macrourus</i>	<i>Claravis mondetoura</i>	<i>Collocalia esculenta</i>	<i>Contopus virens</i>
<i>Circus maurus</i>	<i>Claravis pretiosa</i>	<i>Collocalia linchi</i>	<i>Conuropsis</i>
<i>Circus melanoleucos</i>	<i>Clibanornis</i>	<i>Collocalia troglodytes</i>	<i>carolinensis</i>
<i>Circus pygargus</i>	<i>dendrocolaptoides</i>	<i>Colluricincla boweri</i>	<i>Copsychus</i>
<i>Circus ranivorus</i>	<i>Clibanornis rectirostris</i>	<i>Colluricincla</i>	<i>mindanensis</i>
<i>Circus spilonotus</i>	<i>Clibanornis</i>	<i>harmonica</i>	<i>Copsychus pica</i>
<i>Cissa chinensis</i>	<i>rubiginosus</i>	<i>Colluricincla</i>	<i>Copsychus saularis</i>
<i>Cissa jefferyi</i>	<i>Climacteris affinis</i>	<i>megarhyncha</i>	<i>Coracias abyssinicus</i>
<i>Cissomela pectoralis</i>	<i>Climacteris erythropus</i>	<i>Colluricincla</i>	<i>Coracias affinis</i>
<i>Cissopis leverianus</i>	<i>Climacteris melanurus</i>	<i>woodwardi</i>	<i>Coracias benghalensis</i>
<i>Cisticola aberrans</i>	<i>Climacteris picumnus</i>	<i>Colonia colonus</i>	<i>Coracias caudatus</i>
<i>Cisticola angusticauda</i>	<i>Climacteris rufus</i>	<i>Colorhamphus</i>	<i>Coracias garrulus</i>
<i>Cisticola anonymus</i>	<i>Clytactantes alixii</i>	<i>parvirostris</i>	<i>Coracias naevius</i>
<i>Cisticola aridulus</i>	<i>Clytolaema rubricauda</i>	<i>Columba arquatrix</i>	<i>Coracias spatulatus</i>
<i>Cisticola ayresii</i>	<i>Clytospiza monteiri</i>	<i>Columba delegorguei</i>	<i>Coracina dobsoni</i>
<i>Cisticola bodessa</i>	<i>Cnemarchus</i>	<i>Columba elphinstonii</i>	<i>Coracina javensis</i>
<i>Cisticola brachypterus</i>	<i>erythropygus</i>	<i>Columba guinea</i>	<i>Coracina larvata</i>
<i>Cisticola brunneus</i>	<i>Cnemotriccus fuscatus</i>	<i>Columba iriditorques</i>	<i>Coracina lineata</i>
<i>Cisticola cantans</i>	<i>Coccygia melanotis</i>	<i>Columba leucomela</i>	<i>Coracina macei</i>
<i>Cisticola carruthersi</i>	<i>Coccygia quartinia</i>	<i>Columba livia</i>	<i>Coracina maxima</i>
<i>Cisticola cherina</i>	<i>Coccothraustes</i>	<i>Columba palumboides</i>	<i>Coracina</i>
<i>Cisticola chiniana</i>	<i>coccothraustes</i>	<i>Columba punicea</i>	<i>novae-hollandiae</i>
<i>Cisticola chubbii</i>	<i>Coccyua cinerea</i>	<i>Columba rupestris</i>	<i>Coracina papuensis</i>
<i>Cisticola cinereolus</i>	<i>Coccyua minuta</i>	<i>Columba vitiensis</i>	<i>Coracina striata</i>
<i>Cisticola cinnamomeus</i>	<i>Coccyua pumila</i>	<i>Columbina cyanopsis</i>	<i>Coracopsis nigra</i>
<i>Cisticola dambo</i>	<i>Coccyzus americanus</i>	<i>Columbina inca</i>	<i>Coracopsis vasa</i>
<i>Cisticola erythropus</i>	<i>Coccyzus</i>	<i>Columbina minuta</i>	<i>Coragyps atratus</i>
<i>Cisticola exilis</i>	<i>erythrophthalmus</i>	<i>Columbina passerina</i>	<i>Corapipo gutturalis</i>
<i>Cisticola fulvicaapilla</i>	<i>Coccyzus eulieri</i>	<i>Columbina picui</i>	<i>Corapipo leucorhoa</i>
<i>Cisticola hunteri</i>	<i>Coccyzus lansbergi</i>	<i>Columbina squammata</i>	<i>Corcorax</i>
<i>Cisticola juncidis</i>	<i>Cochoa beccarii</i>	<i>Columbina talpacoti</i>	<i>melanoramphos</i>
<i>Cisticola lais</i>	<i>Cochoa viridis</i>	<i>Conirostrum albifrons</i>	<i>Cormobates</i>
<i>Cisticola lateralis</i>	<i>Coeligena consita</i>	<i>Conirostrum bicolor</i>	<i>leucophaea</i>
<i>Cisticola luapula</i>	<i>Coeligena helianthea</i>	<i>Conirostrum</i>	<i>Corvinella corvina</i>
<i>Cisticola marginatus</i>	<i>Coeligena inca</i>	<i>ferrugineiventris</i>	<i>Corvus albicollis</i>
<i>Cisticola nana</i>	<i>Coereba flaveola</i>	<i>Conirostrum</i>	<i>Corvus albus</i>
<i>Cisticola natalensis</i>	<i>Colaptes aeruginosus</i>	<i>leucogenys</i>	<i>Corvus bennetti</i>
<i>Cisticola pipiens</i>	<i>Colaptes atriceps</i>	<i>Conirostrum sitticolor</i>	<i>Corvus</i>
<i>Cisticola robustus</i>	<i>Colaptes auratus</i>	<i>Conirostrum</i>	<i>brachyrhynchus</i>
<i>Cisticola rufilatus</i>	<i>Colaptes cafer</i>	<i>speciosum</i>	<i>Corvus capensis</i>
<i>Cisticola subruficapilla</i>	<i>Colaptes campestris</i>	<i>Conopophaga</i>	<i>Corvus caurinus</i>
<i>Cisticola textrix</i>	<i>Colaptes campestrisoides</i>	<i>ardesiaca</i>	<i>Corvus corax</i>
<i>Cisticola tinniens</i>	<i>Colaptes chrysoides</i>	<i>Conopophaga lineata</i>	<i>Corvus corone</i>
<i>Cisticola troglodytes</i>	<i>Colaptes</i>	<i>Conopophaga</i>	<i>Corvus coronoides</i>
<i>Cisticola woosnami</i>	<i>melanochloros</i>	<i>melanops</i>	<i>Corvus cryptoleucus</i>
<i>Cistothorus palustris</i>	<i>Colaptes melanolaemus</i>	<i>Conopophila</i>	<i>Corvus dauuricus</i>
<i>Cistothorus platensis</i>	<i>Colaptes pitius</i>	<i>albogularis</i>	<i>Corvus enca</i>
<i>Cistothorus stellaris</i>	<i>Colaptes punctigula</i>	<i>Conopophila</i>	<i>Corvus frugilegus</i>
<i>Cladorhynchus</i>	<i>Colaptes rivolii</i>	<i>rufogularis</i>	<i>Corvus imparatus</i>
<i>leucocephalus</i>	<i>Colaptes rubiginosus</i>	<i>Conopophila whitei</i>	<i>Corvus macrorhynchus</i>
<i>Clamator coromandus</i>	<i>Colaptes rupicola</i>	<i>Conothraupis</i>	<i>Corvus mellori</i>
<i>Clamator glandarius</i>	<i>Colibri coruscans</i>	<i>mesoleuca</i>	<i>Corvus orru</i>
<i>Clamator jacobinus</i>	<i>Colibri delphinae</i>	<i>Contopus albogularis</i>	<i>Corvus ossifragus</i>
<i>Clamator levaillantii</i>	<i>Colibri serrirostris</i>	<i>Contopus bogotensis</i>	<i>Corvus rhipidurus</i>
<i>Clanga clanga</i>	<i>Colibri thalassinus</i>	<i>Contopus cinereus</i>	<i>Corvus splendens</i>
<i>Clanga hastata</i>	<i>Colinus cristatus</i>	<i>Contopus cooperi</i>	<i>Corvus tasmanicus</i>
<i>Clanga pomarina</i>	<i>Colinus virginianus</i>	<i>Contopus fumigatus</i>	<i>Corydon sumatranus</i>

<i>Corydospiza alaudina</i>	<i>Crax blumenbachii</i>	<i>Crypturellus variegatus</i>	<i>Cyanolyca viridicyanus</i>
<i>Coryphaspiza</i>	<i>Crax daubentoni</i>	<i>Cuculus canorus</i>	<i>Cyanomitra alinae</i>
<i>melanotis</i>	<i>Crax fasciolata</i>	<i>Cuculus clamosus</i>	<i>Cyanomitra</i>
<i>Coryphospingus</i>	<i>Crax rubra</i>	<i>Cuculus gularis</i>	<i>cyanolaema</i>
<i>cucullatus</i>	<i>Creatophora cinerea</i>	<i>Cuculus lepidus</i>	<i>Cyanomitra olivacea</i>
<i>Coryphospingus</i>	<i>Creurgops dentatus</i>	<i>Cuculus micropterus</i>	<i>Cyanomitra verticalis</i>
<i>pileatus</i>	<i>Crex crex</i>	<i>Cuculus poliocephalus</i>	<i>Cyanopica cyanus</i>
<i>Corythaeola cristata</i>	<i>Crex egregia</i>	<i>Cuculus rochii</i>	<i>Cyanoptila cumatilis</i>
<i>Corythaixoides</i>	<i>Crinifer zonurus</i>	<i>Cuculus saturatus</i>	<i>Cyanoptila</i>
<i>concolor</i>	<i>Criniferoides</i>	<i>Cuculus solitarius</i>	<i>cyanomelana</i>
<i>Corythaixoides</i>	<i>leucogaster</i>	<i>Culicicapa ceylonensis</i>	<i>Cyclarhis gujanensis</i>
<i>leopoldi</i>	<i>Criniger calurus</i>	<i>Culicicapa helianthea</i>	<i>Cyclopsitta coxeni</i>
<i>Corythopis delalandi</i>	<i>Criniger chloronotus</i>	<i>Culicivora caudacuta</i>	<i>Cyclopsitta</i>
<i>Corythopis torquatus</i>	<i>Criniger ndussumensis</i>	<i>Curaeus curaeus</i>	<i>diophthalma</i>
<i>Corythornis cristatus</i>	<i>Crithagra albogularis</i>	<i>Cursorius</i>	<i>Cygnus columbianus</i>
<i>Corythornis</i>	<i>Crithagra atrogularis</i>	<i>coromandelicus</i>	<i>Cygnus cygnus</i>
<i>leucogaster</i>	<i>Crithagra buehneri</i>	<i>Cursorius rufus</i>	<i>Cygnus melancoryphus</i>
<i>Corythornis</i>	<i>Crithagra burtoni</i>	<i>Cursorius temminckii</i>	<i>Cygnus olor</i>
<i>madagascariensis</i>	<i>Crithagra capistrata</i>	<i>Cutia nipalensis</i>	<i>Cymbilaimus lineatus</i>
<i>Corythornis vintsioides</i>	<i>Crithagra citrinelloides</i>	<i>Cyanecula svecica</i>	<i>Cymbirhynchus</i>
<i>Coscoroba coscoroba</i>	<i>Crithagra citrinipetula</i>	<i>Cyanerpes caeruleus</i>	<i>macrorhynchus</i>
<i>Cossypha</i>	<i>Crithagra donaldsoni</i>	<i>Cyanerpes cyaneus</i>	<i>Cynanthus latirostris</i>
<i>cyanocampter</i>	<i>Crithagra dorsostriata</i>	<i>Cyanerpes nitidus</i>	<i>Cyornis banyumas</i>
<i>Cossypha dichroa</i>	<i>Crithagra flaviventris</i>	<i>Cyanicterus</i>	<i>Cyornis caeruleus</i>
<i>Cossypha heuglini</i>	<i>Crithagra frontalis</i>	<i>cyanicterus</i>	<i>Cyornis concretus</i>
<i>Cossypha natalensis</i>	<i>Crithagra gularis</i>	<i>Cyanistes cyanus</i>	<i>Cyornis glaucicomans</i>
<i>Cossypha niveicapilla</i>	<i>Crithagra hyposticta</i>	<i>Cyanocitta cristata</i>	<i>Cyornis hainanus</i>
<i>Cossypha semirufa</i>	<i>Crithagra leucoptera</i>	<i>Cyanocitta stelleri</i>	<i>Cyornis herioti</i>
<i>Cotinga cayana</i>	<i>Crithagra mennelli</i>	<i>Cyanocompsa parellina</i>	<i>Cyornis lemprieri</i>
<i>Cotinga cotinga</i>	<i>Crithagra mozambica</i>	<i>Cyanocorax affinis</i>	<i>Cyornis magnirostris</i>
<i>Cotinga maculata</i>	<i>Crithagra reichardi</i>	<i>Cyanocorax cayanus</i>	<i>Cyornis nicobaricus</i>
<i>Cotinga maynana</i>	<i>Crithagra reichenowi</i>	<i>Cyanocorax chrysops</i>	<i>Cyornis olivaceus</i>
<i>Coturnicops exquisitus</i>	<i>Crithagra scotops</i>	<i>Cyanocorax coerules</i>	<i>Cyornis pallidipes</i>
<i>Coturnicops notatus</i>	<i>Crithagra striatipetula</i>	<i>Cyanocorax cristatellus</i>	<i>Cyornis rubeculoides</i>
<i>Coturnicops</i>	<i>Crithagra striolata</i>	<i>Cyanocorax</i>	<i>Cyornis ruficastris</i>
<i>noveboracensis</i>	<i>Crithagra sulphurata</i>	<i>cyanomelas</i>	<i>Cyornis sumatrensis</i>
<i>Coturnix</i>	<i>Crithagra totta</i>	<i>Cyanocorax</i>	<i>Cyornis superbus</i>
<i>coromandelica</i>	<i>Crotophaga ani</i>	<i>cyanopogon</i>	<i>Cyornis tickelliae</i>
<i>Coturnix coturnix</i>	<i>Crotophaga major</i>	<i>Cyanocorax heilprini</i>	<i>Cyornis turcosus</i>
<i>Coturnix delegorguei</i>	<i>Crotophaga sulcirostris</i>	<i>Cyanocorax morio</i>	<i>Cyornis umbratilis</i>
<i>Coturnix japonica</i>	<i>Crypsirina temia</i>	<i>Cyanocorax violaceus</i>	<i>Cyornis unicolor</i>
<i>Coturnix pectoralis</i>	<i>Cryptospiza</i>	<i>Cyanocorax yncas</i>	<i>Cyphorhinus arada</i>
<i>Coua coquereli</i>	<i>reichenovii</i>	<i>Cyanoderma bicolor</i>	<i>Cyphos macrodactylus</i>
<i>Coua cursor</i>	<i>Cryptospiza salvadorii</i>	<i>Cyanoderma</i>	<i>Cypseloides fumigatus</i>
<i>Coua gigas</i>	<i>Crypturellus</i>	<i>chrysaeum</i>	<i>Cypseloides niger</i>
<i>Coua olivaceiceps</i>	<i>atrocapillus</i>	<i>Cyanoderma</i>	<i>Cypseloides senex</i>
<i>Coua pyropeya</i>	<i>Crypturellus bartletti</i>	<i>erythropterus</i>	<i>Cypsiurus balasensis</i>
<i>Coua verreauxi</i>	<i>Crypturellus cinereus</i>	<i>Cyanoderma ruficeps</i>	<i>Cypsiurus parvus</i>
<i>Cracticus argenteus</i>	<i>Crypturellus</i>	<i>Cyanoderma rufifrons</i>	<i>Cypsnagra</i>
<i>Cracticus mentalis</i>	<i>cinnamomeus</i>	<i>Cyanograucalus</i>	<i>hirundinacea</i>
<i>Cracticus nigrogularis</i>	<i>Crypturellus duida</i>	<i>azureus</i>	<i>Cyrtonyx montezumae</i>
<i>Cranioleuca albiceps</i>	<i>Crypturellus</i>	<i>Cyanolanius</i>	<i>Dacelo leachii</i>
<i>Cranioleuca curata</i>	<i>erythropus</i>	<i>madagascarinus</i>	<i>Dacelo novaeguineae</i>
<i>Cranioleuca demissa</i>	<i>Crypturellus</i>	<i>Cyanoliseus patagonus</i>	<i>Dacnis albiventris</i>
<i>Cranioleuca obsoleta</i>	<i>noctivagus</i>	<i>Cyanoloxia brissonii</i>	<i>Dacnis cayana</i>
<i>Cranioleuca pallida</i>	<i>Crypturellus obsoletus</i>	<i>Cyanoloxia cyanoides</i>	<i>Dacnis flaviventer</i>
<i>Cranioleuca pyrrhophia</i>	<i>Crypturellus</i>	<i>Cyanoloxia</i>	<i>Dacnis lineata</i>
<i>Cranioleuca subcristata</i>	<i>parvirostris</i>	<i>glaucocaeulea</i>	<i>Dactylortyx thoracicus</i>
<i>Crax alector</i>	<i>Crypturellus undulatus</i>	<i>Cyanoloxia rothschildii</i>	

Daphoenositta	Dendropicos elliotii	Diglossa albilatera	Dryoscopus pringlii
chrysoptera	Dendropicos	Diglossa caerulescens	Dryoscopus sabini
Daption capense	fuscescens	Diglossa carbonaria	Dryoscopus
Daptrius ater	Dendropicos	Diglossa cyanea	senegalensis
Dasylophus	gabonensis	Diglossa duidae	Dryotriorchis
superciliosus	Dendropicos goertae	Diglossa glauca	spectabilis
Dasyornis brachypterus	Dendropicos	Diglossa humeralis	Dubusia
Dasyornis broadbenti	griseocephalus	Diglossa mystacalis	castaneovenstris
Deconychura	Dendropicos namaquus	Diglossa sittoides	Dubusia taeniata
longicauda	Dendropicos obsoletus	Dinemellia dinemelli	Ducula aenea
Deconychura pallida	Dendropicos	Dinopium benghalense	Ducula badia
Deleornis axillaris	poecilolaemus	Dinopium everetti	Ducula bicolor
Deleornis fraseri	Dendropicos	Dinopium javanense	Ducula carola
Delichon dasypus	spodocephalus	Dinopium psarodes	Ducula cuprea
Delichon lagopodum	Dendropicos	Dinopium rafflesii	Ducula poliocephala
Delichon urbicum	xantholophus	Diomedea antipodensis	Ducula spilorrhoa
Dendragapus	Dendroplex picus	Diomedea dabbenena	Dumetella carolinensis
fuliginosus	Dendrortyx barbatus	Diomedea epomophora	Dumetia hyperythra
Dendragapus obscurus	Deroptyus accipitrinus	Diomedea exulans	Dyaphorophya
Dendrexetastes	Dessonornis caffer	Diomedea sanfordi	ansorgei
rufigula	Dessonornis	Diopsittaca cumanensis	Dyaphorophya
Dendrocincla	mbuluensis	Discosura langsdorffi	castanea
fuliginosa	Dicaeum agile	Discosura letitiae	Dyaphorophya
Dendrocincla	Dicaeum anthonyi	Discosura longicaudus	chalybea
homochroa	Dicaeum australe	Diuca diuca	Dyaphorophya
Dendrocincla merula	Dicaeum bicolor	Dives dives	jamesoni
Dendrocincla turdina	Dicaeum chrysorrheum	Dolichonyx oryzivorus	Dyaphorophya tonsa
Dendrocitta bayleii	Dicaeum concolor	Donacobius atricapilla	Dysithamnus mentalis
Dendrocitta	Dicaeum cruentatum	Donacospiza albifrons	Dysithamnus plumbeus
cinerascens	Dicaeum	Doryfera johannae	Dysithamnus
Dendrocitta formosae	erythrorhynchos	Doryfera ludovicae	stictothorax
Dendrocitta	Dicaeum everetti	Drepanorhynchus	Dysithamnus
leucogastra	Dicaeum	reichenowi	xanthopterus
Dendrocitta occipitalis	hirundinaceum	Dromaius	Eeectus roratus
Dendrocitta vagabunda	Dicaeum hypoleucum	novaehollandiae	Ectopistes migratorius
Dendrocolaptes certhia	Dicaeum ignipectus	Dromas ardeola	Edolisoma
Dendrocolaptes	Dicaeum luzoniense	Dromococcyx	coerulescens
hoffmannsi	Dicaeum	pavoninus	Edolisoma tenuirostre
Dendrocolaptes	melanozanthum	Dromococcyx	Egretta ardesiaca
picumnus	Dicaeum minullum	phasianellus	Egretta caerulea
Dendrocolaptes	Dicaeum monticulum	Drymocichla incana	Egretta eulophotes
platyrostris	Dicaeum pygmaeum	Drymodes	Egretta garzetta
Dendrocolaptes	Dicaeum trigonostigma	brunneopygia	Egretta gularis
punctipectus	Dichrozona cincta	Drymodes superciliaris	Egretta
Dendrocopos analis	Dicrurus adsimilis	Drymophila devillei	novaehollandiae
Dendrocopos atratus	Dicrurus aeneus	Drymophila ferruginea	Egretta picata
Dendrocopos leucotos	Dicrurus andamanensis	Drymophila malura	Egretta rufescens
Dendrocopos macei	Dicrurus annectens	Drymophila rubricollis	Egretta sacra
Dendrocopos major	Dicrurus atripennis	Dryobates minor	Egretta thula
Dendrocoryna arcuata	Dicrurus balicassius	Dryobates nuttallii	Egretta tricolor
Dendrocoryna	Dicrurus bracteatus	Dryobates pubescens	Egretta vinaceigula
autumnalis	Dicrurus caerulescens	Dryobates scalaris	Elaenia albiceps
Dendrocoryna bicolor	Dicrurus forficatus	Dryocopus hodgei	Elaenia chiriquensis
Dendrocoryna eytoni	Dicrurus hottentottus	Dryocopus javensis	Elaenia cristata
Dendrocoryna guttata	Dicrurus leucophaeus	Dryocopus martius	Elaenia dayi
Dendrocoryna javanica	Dicrurus macrocercus	Dryolimnas cuvieri	Elaenia flavogaster
Dendrocoryna viduata	Dicrurus modestus	Dryoscopus angolensis	Elaenia frantzii
Dendronanthus indicus	Dicrurus paradiseus	Dryoscopus cubla	Elaenia gigas
Dendroperdix sephaena	Dicrurus sumatranus	Dryoscopus gambensis	Elaenia mesoleuca

<i>Elaenia obscura</i>	<i>Embernagra</i>	<i>Eremomela</i>	<i>Eudytes</i>
<i>Elaenia olivina</i>	<i>longicauda</i>	<i>icteropygialis</i>	<i>pachyrhynchus</i>
<i>Elaenia pallatangae</i>	<i>Embernagra platensis</i>	<i>Eremomela scotops</i>	<i>Eudytes robustus</i>
<i>Elaenia parvirostris</i>	<i>Emblema pictum</i>	<i>Eremomela usticollis</i>	<i>Eudypula minor</i>
<i>Elaenia ruficeps</i>	<i>Eminia lepida</i>	<i>Eremophila alpestris</i>	<i>Eugenus fulgens</i>
<i>Elaenia sordida</i>	<i>Empidonax affinis</i>	<i>Eremopterix australis</i>	<i>Eugralla paradoxa</i>
<i>Elaenia spectabilis</i>	<i>Empidonax albigularis</i>	<i>Eremopterix griseus</i>	<i>Eulabeornis</i>
<i>Elaenia strepera</i>	<i>Empidonax alnorum</i>	<i>Eremopterix hova</i>	<i>castaneoventris</i>
<i>Elanoides forficatus</i>	<i>Empidonax difficilis</i>	<i>Eremopterix</i>	<i>Eumyias albicaudatus</i>
<i>Elanus axillaris</i>	<i>Empidonax flaviventris</i>	<i>leucopareia</i>	<i>Eumyias panayensis</i>
<i>Elanus caeruleus</i>	<i>Empidonax fulvifrons</i>	<i>Eremopterix leucotis</i>	<i>Eumyias ruficrissa</i>
<i>Elanus leucurus</i>	<i>Empidonax hammondi</i>	<i>Eremopterix signatus</i>	<i>Eumyias thalassinus</i>
<i>Elanus scriptus</i>	<i>Empidonax minimus</i>	<i>Eremopterix verticalis</i>	<i>Euodice cantans</i>
<i>Electron</i>	<i>Empidonax oberholseri</i>	<i>Eriocnemis</i>	<i>Euodice malabarica</i>
<i>platyrhynchum</i>	<i>Empidonax</i>	<i>glaucopeoides</i>	<i>Eupetes macrocerus</i>
<i>Eleoscytalopus</i>	<i>occidentalis</i>	<i>Erpornis zantholeuca</i>	<i>Eupetomena macroura</i>
<i>indigoticus</i>	<i>Empidonax traillii</i>	<i>Erythrocerus mcallii</i>	<i>Euphagus carolinus</i>
<i>Eleothreptus anomalus</i>	<i>Empidonax virescens</i>	<i>Erythrogonys</i>	<i>Euphagus</i>
<i>Eleothreptus candicans</i>	<i>Empidonax wrightii</i>	<i>hypoleucos</i>	<i>cianocephalus</i>
<i>Elminia albicauda</i>	<i>Empidonax varius</i>	<i>Erythronys cinctus</i>	<i>Euphonia affinis</i>
<i>Elminia albonotata</i>	<i>Enicognathus</i>	<i>Erythropitta arquata</i>	<i>Euphonia cayennensis</i>
<i>Elminia longicauda</i>	<i>ferrugineus</i>	<i>Erythropitta</i>	<i>Euphonia chalybea</i>
<i>Elminia nigromitrata</i>	<i>Enicognathus</i>	<i>erythrogaster</i>	<i>Euphonia chlorotica</i>
<i>Elseyornis melanops</i>	<i>leptorhynchus</i>	<i>Erythropitta kochi</i>	<i>Euphonia chrysopasta</i>
<i>Emarginata schlegelii</i>	<i>Enicurus leschenaulti</i>	<i>Erythropitta macklotii</i>	<i>Euphonia</i>
<i>Emarginata sinuata</i>	<i>Enicurus ruficapillus</i>	<i>Erythropitta venusta</i>	<i>cianocephala</i>
<i>Emarginata tractrac</i>	<i>Enicurus schistaceus</i>	<i>Erythrotriorchis</i>	<i>Euphonia</i>
<i>Emberiza aureola</i>	<i>Enicurus velatus</i>	<i>radiatus</i>	<i>elegantissima</i>
<i>Emberiza bruniceps</i>	<i>Ensifera ensifera</i>	<i>Erythrura hyperythra</i>	<i>Euphonia finschi</i>
<i>Emberiza buehneri</i>	<i>Entomodesmus leucotis</i>	<i>Erythrura prasina</i>	<i>Euphonia hirundinacea</i>
<i>Emberiza cabanisi</i>	<i>Entomyzon albipennis</i>	<i>Erythrura trichroa</i>	<i>Euphonia lanirostris</i>
<i>Emberiza capensis</i>	<i>Entomyzon cyanotis</i>	<i>Erythrura viridifacies</i>	<i>Euphonia mesochrysa</i>
<i>Emberiza cioides</i>	<i>Eolophus roseicapilla</i>	<i>Esacus magnirostris</i>	<i>Euphonia minuta</i>
<i>Emberiza citrinella</i>	<i>Eophona migratoria</i>	<i>Esacus recurvirostris</i>	<i>Euphonia pectoralis</i>
<i>Emberiza elegans</i>	<i>Eophona personata</i>	<i>Estrilda astrild</i>	<i>Euphonia plumbea</i>
<i>Emberiza flaviventris</i>	<i>Eopsaltria australis</i>	<i>Estrilda atricapilla</i>	<i>Euphonia rufiventris</i>
<i>Emberiza fucata</i>	<i>Eopsaltria griseogularis</i>	<i>Estrilda charmosyna</i>	<i>Euphonia trinitatis</i>
<i>Emberiza godlewskii</i>	<i>Ephippiorhynchus</i>	<i>Estrilda erythronotos</i>	<i>Euphonia violacea</i>
<i>Emberiza impetuum</i>	<i>asiaticus</i>	<i>Estrilda kandti</i>	<i>Euphonia xanthogaster</i>
<i>Emberiza lathamii</i>	<i>Ephippiorhynchus</i>	<i>Estrilda melpoda</i>	<i>Euplectes afer</i>
<i>Emberiza</i>	<i>senegalensis</i>	<i>Estrilda nonnula</i>	<i>Euplectes albonotatus</i>
<i>leucocephala</i>	<i>Epinecrophylia</i>	<i>Estrilda paludicola</i>	<i>Euplectes ardens</i>
<i>Emberiza pallasi</i>	<i>erythrura</i>	<i>Estrilda rhodopyga</i>	<i>Euplectes axillaris</i>
<i>Emberiza personata</i>	<i>Epinecrophylia</i>	<i>Estrilda troglodytes</i>	<i>Euplectes capensis</i>
<i>Emberiza poliopleura</i>	<i>gutturalis</i>	<i>Eubucco richardsoni</i>	<i>Euplectes diadematus</i>
<i>Emberiza pusilla</i>	<i>Epinecrophylia</i>	<i>Eubucco versicolor</i>	<i>Euplectes franciscanus</i>
<i>Emberiza rustica</i>	<i>haematonota</i>	<i>Euchrepomis sharpei</i>	<i>Euplectes gierowii</i>
<i>Emberiza rutila</i>	<i>Epinecrophylia</i>	<i>Euchrepomis</i>	<i>Euplectes hartlaubi</i>
<i>Emberiza schoeniclus</i>	<i>hoffmannsi</i>	<i>spodioptila</i>	<i>Euplectes hordeaceus</i>
<i>Emberiza</i>	<i>Epinecrophylia</i>	<i>Eucometis penicillata</i>	<i>Euplectes jacksoni</i>
<i>spodocephala</i>	<i>leucophthalma</i>	<i>Eudocimus albus</i>	<i>Euplectes laticauda</i>
<i>Emberiza sulphurata</i>	<i>Epinecrophylia ornata</i>	<i>Eudocimus ruber</i>	<i>Euplectes macroura</i>
<i>Emberiza tahapisi</i>	<i>Epthianura albifrons</i>	<i>Eudromia elegans</i>	<i>Euplectes orix</i>
<i>Emberiza tristrami</i>	<i>Epthianura aurifrons</i>	<i>Eudromias morinellus</i>	<i>Euplectes progne</i>
<i>Emberiza variabilis</i>	<i>Epthianura crocea</i>	<i>Eudynamis orientalis</i>	<i>Eupodotis caerulea</i>
<i>Emberizoides duida</i>	<i>Epthianura tricolor</i>	<i>Eudynamis</i>	<i>Eupodotis senegalensis</i>
<i>Emberizoides herbicola</i>	<i>Eremomela badiceps</i>	<i>scolopaceus</i>	<i>Eupsittula astec</i>
<i>Emberizoides</i>	<i>Eremomela canescens</i>	<i>Eudytes chrysocome</i>	<i>Eupsittula aurea</i>
<i>ypiranganus</i>	<i>Eremomela gregalis</i>	<i>Eudytes chrysolophus</i>	<i>Eupsittula canicularis</i>

<i>Eupsittula pertinax</i>	<i>Falco rusticolus</i>	<i>Francoelinus</i>	<i>Gallinago stenura</i>
<i>Euptilotis neoxenus</i>	<i>Falco severus</i>	<i>pondicerianus</i>	<i>Gallinago stricklandii</i>
<i>Euptilotus eutilotus</i>	<i>Falco sparverius</i>	<i>Fraseria caerulescens</i>	<i>Gallinago undulata</i>
<i>Eurillas ansorgei</i>	<i>Falco subbuteo</i>	<i>Fraseria cinerascens</i>	<i>Gallinula angulata</i>
<i>Eurillas curvirostris</i>	<i>Falco subniger</i>	<i>Fraseria griseigularis</i>	<i>Gallinula chloropus</i>
<i>Eurillas gracilis</i>	<i>Falco tinnunculus</i>	<i>Fraseria ocreata</i>	<i>Gallinula galeata</i>
<i>Eurillas latirostris</i>	<i>Falco vespertinus</i>	<i>Fraseria olivascens</i>	<i>Gallinula melanops</i>
<i>Eurillas virens</i>	<i>Falco zoniventris</i>	<i>Fraseria plumbea</i>	<i>Gallinula tenebrosa</i>
<i>Eurocephalus</i>	<i>Falculea palliata</i>	<i>Fraseria tessmanni</i>	<i>Gallirex</i>
<i>anguitimens</i>	<i>Falcunculus frontatus</i>	<i>Fratercula arctica</i>	<i>porphyreolophus</i>
<i>Eurocephalus ruppelli</i>	<i>Falcunculus</i>	<i>Fratercula cirrhata</i>	<i>Galloperdix bicalcarata</i>
<i>Eurochelidon sirintarae</i>	<i>leucogaster</i>	<i>Fratercula corniculata</i>	<i>Galloperdix lunulata</i>
<i>Eurostopodus argus</i>	<i>Ficedula albicilla</i>	<i>Frederickena viridis</i>	<i>Galloperdix spadicea</i>
<i>Eurostopodus</i>	<i>Ficedula disposita</i>	<i>Fregata andrewsi</i>	<i>Gallus gallus</i>
<i>mystacalis</i>	<i>Ficedula dumetoria</i>	<i>Fregata ariel</i>	<i>Gallus lafayettii</i>
<i>Eurylaimus harterti</i>	<i>Ficedula elisae</i>	<i>Fregata magnificens</i>	<i>Gallus sonneratii</i>
<i>Eurylaimus</i>	<i>Ficedula erithacus</i>	<i>Fregata minor</i>	<i>Gampsonyx swainsonii</i>
<i>ochromalus</i>	<i>Ficedula hodgsoni</i>	<i>Fregetta grallaria</i>	<i>Gampsorhynchus</i>
<i>Euryptila</i>	<i>Ficedula hyperythra</i>	<i>Fregetta tropica</i>	<i>torquatus</i>
<i>subcinnamomea</i>	<i>Ficedula hypoleuca</i>	<i>Fringilla montifringilla</i>	<i>Garrodia nereis</i>
<i>Eurypyga helias</i>	<i>Ficedula luzoniensis</i>	<i>Fulica americana</i>	<i>Garrulax bicolor</i>
<i>Eurystomus glaucurus</i>	<i>Ficedula mugimaki</i>	<i>Fulica ardesiaca</i>	<i>Garrulax calvus</i>
<i>Eurystomus gularis</i>	<i>Ficedula narcissina</i>	<i>Fulica armillata</i>	<i>Garrulax chinensis</i>
<i>Eurystomus orientalis</i>	<i>Ficedula nigrorufa</i>	<i>Fulica atra</i>	<i>Garrulax davidi</i>
<i>Euscarthmus</i>	<i>Ficedula parva</i>	<i>Fulica cristata</i>	<i>Garrulax delesserti</i>
<i>meloryphus</i>	<i>Ficedula platenae</i>	<i>Fulica leucoptera</i>	<i>Garrulax leucolophus</i>
<i>Euscarthmus</i>	<i>Ficedula ruficauda</i>	<i>Fulica rufifrons</i>	<i>Garrulax lugubris</i>
<i>rufomarginatus</i>	<i>Ficedula sapphira</i>	<i>Fulmarus glacialis</i>	<i>Garrulax mitratus</i>
<i>Euschistospiza</i>	<i>Ficedula semitorquata</i>	<i>Fulmarus glacialoides</i>	<i>Garrulax monileger</i>
<i>dybowskii</i>	<i>Ficedula strophia</i>	<i>Furnarius figulus</i>	<i>Garrulax palliatus</i>
<i>Falcapennis canadensis</i>	<i>Ficedula subrubra</i>	<i>Furnarius leucopus</i>	<i>Garrulax pectoralis</i>
<i>Falcapennis falcapennis</i>	<i>Ficedula superciliaris</i>	<i>Furnarius longirostris</i>	<i>Garrulax sannio</i>
<i>Falcapennis franklinii</i>	<i>Ficedula tricolor</i>	<i>Furnarius rufus</i>	<i>Garrulax strepitans</i>
<i>Falco alopec</i>	<i>Ficedula westermanni</i>	<i>Galbula albirostris</i>	<i>Garrulax treacheri</i>
<i>Falco amurensis</i>	<i>Ficedula zanthopygia</i>	<i>Galbula chacocephala</i>	<i>Garrulus glandarius</i>
<i>Falco ardosiacus</i>	<i>Florisuga fusca</i>	<i>Galbula cyanicollis</i>	<i>Garrulus leucotis</i>
<i>Falco berigora</i>	<i>Florisuga mellivora</i>	<i>Galbula dea</i>	<i>Gavia adamsii</i>
<i>Falco biarmicus</i>	<i>Fluvicola albiventer</i>	<i>Galbula galbula</i>	<i>Gavia arctica</i>
<i>Falco cenchroides</i>	<i>Fluvicola nengeta</i>	<i>Galbula leucogastra</i>	<i>Gavia immer</i>
<i>Falco cherrug</i>	<i>Fluvicola pica</i>	<i>Galbula ruficauda</i>	<i>Gavia pacifica</i>
<i>Falco chicquera</i>	<i>Formicarius analis</i>	<i>Galbula tombacea</i>	<i>Gavia stellata</i>
<i>Falco columbarius</i>	<i>Formicarius colma</i>	<i>Galerida cristata</i>	<i>Gavialis fasciocularis</i>
<i>Falco concolor</i>	<i>Formicivora grisea</i>	<i>Galerida deva</i>	<i>Gavialis versicolor</i>
<i>Falco cuvierii</i>	<i>Formicivora intermedia</i>	<i>Galerida magnirostris</i>	<i>Gecinulus viridis</i>
<i>Falco deiroleucus</i>	<i>Formicivora</i>	<i>Galerida malabarica</i>	<i>Gelochelidon</i>
<i>Falco dickinsoni</i>	<i>melanogaster</i>	<i>Galerida modesta</i>	<i>macrotarsa</i>
<i>Falco eleonorae</i>	<i>Formicivora rufa</i>	<i>Gallicolumba luzonica</i>	<i>Gelochelidon nilotica</i>
<i>Falco fasciinucha</i>	<i>Formicivora serrana</i>	<i>Gallicrex cinerea</i>	<i>Geococcyx</i>
<i>Falco femoralis</i>	<i>Forpus conspicillatus</i>	<i>Gallinago andina</i>	<i>californianus</i>
<i>Falco hypoleucos</i>	<i>Forpus modestus</i>	<i>Gallinago delicata</i>	<i>Geocolaptes olivaceus</i>
<i>Falco jugger</i>	<i>Forpus passerinus</i>	<i>Gallinago gallinago</i>	<i>Geoffroyus geoffroyi</i>
<i>Falco longipennis</i>	<i>Forpus spengeli</i>	<i>Gallinago hardwickii</i>	<i>Geokichla</i>
<i>Falco mexicanus</i>	<i>Forpus xanthopterygius</i>	<i>Gallinago jamesoni</i>	<i>camaronensis</i>
<i>Falco naumanni</i>	<i>Foudia</i>	<i>Gallinago media</i>	<i>Geokichla cinerea</i>
<i>Falco newtoni</i>	<i>madagascariensis</i>	<i>Gallinago megala</i>	<i>Geokichla citrina</i>
<i>Falco peregrinus</i>	<i>Francoelinus francoelinus</i>	<i>Gallinago nemoricola</i>	<i>Geokichla crossleyi</i>
<i>Falco ruficollis</i>	<i>Francoelinus pictus</i>	<i>Gallinago nigripennis</i>	<i>Geokichla gurneyi</i>
<i>Falco rufigularis</i>	<i>Francoelinus</i>	<i>Gallinago paraguayae</i>	<i>Geokichla interpres</i>
<i>Falco rupicoloides</i>	<i>pintadeanus</i>	<i>Gallinago solitaria</i>	<i>Geokichla oberlaenderi</i>

Geokichla piaggiae	Glaucidium	Granatina	Haemorrhous cassinii
Geokichla princei	bolivianum	ianthinogaster	Haemorrhous
Geokichla sibirica	Glaucidium	Grantiella picta	mexicanus
Geokichla spiloptera	brasilianum	Griseotyrannus	Haemorrhous purpureus
Geokichla wardii	Glaucidium brodiei	aurantioatrocristatus	Hafferia fortis
Geopelia cuneata	Glaucidium	Grus americana	Hafferia immaculata
Geopelia humeralis	californicum	Grus grus	Halcyon albiventris
Geopelia placida	Glaucidium capense	Grus japonensis	Halcyon badia
Geopelia striata	Glaucidium castaneum	Grus monacha	Halcyon chelicuti
Geophaps ferruginea	Glaucidium	Gubernatrix cristata	Halcyon coromanda
Geophaps plumifera	castanotum	Gubernatrix yetapa	Halcyon gularis
Geophaps scripta	Glaucidium cuculoides	Guira guira	Halcyon leucocephala
Geophaps smithii	Glaucidium gnoma	Guttera edouardi	Halcyon malimbica
Geositta antarctica	Glaucidium hardyi	Guttera plumifera	Halcyon pileata
Geositta cunicularia	Glaucidium hoskinsii	Guttera pucherani	Halcyon senegalensis
Geositta poeciloptera	Glaucidium jardinii	Guttera verreauxi	Haliaeetus vocifer
Geositta rufipennis	Glaucidium	Gymnobucco	Haliaeetus vociferoides
Geositta tenuirostris	minutissimum	bonapartei	Haliastur indus
Geospizopsis plebejus	Glaucidium nana	Gymnobucco calvus	Haliastur sphenurus
Geospizopsis unicolor	Glaucidium	Gymnobucco	Halobaena caerulea
Geothlypis	passerinum	cinereiceps	Hamirostra
aequinoctialis	Glaucidium perlatum	Gymnobucco peli	melanosternon
Geothlypis beldingi	Glaucidium radiatum	Gymnobucco sladeni	Hapalopsittaca
Geothlypis flavovellata	Glaucidium sanchezi	Gymnocichla nudiceps	melanotis
Geothlypis formosa	Glaucidium sjostedti	Gymnoderus foetidus	Haplospiza unicolor
Geothlypis nelsoni	Glaucidium	Gymnogyps	Harpactes ardens
Geothlypis	tephronotum	californianus	Harpactes diardii
philadelphia	Glaucis dohrnii	Gymnomystax	Harpactes duvaucelii
Geothlypis	Glaucis hirsutus	mexicanus	Harpactes
poliocephala	Gliciphila melanops	Gymnophis rufigula	erythrocephalus
Geothlypis tolmiei	Glossopsitta concinna	Gymnorhina tibicen	Harpactes fasciatus
Geothlypis trichas	Glossopsitta	Gymnorhinus	Harpactes kasumba
Geotrygon montana	porphyrocephala	cianocephalus	Harpactes oreskios
Geotrygon violacea	Glossopsitta pusilla	Gymnoris pyrgita	Harpactes orrhophaeus
Geranoaetus	Glycichaera fallax	Gymnoris superciliaris	Harpactes whiteheadi
albicaudatus	Glyphorhynchus	Gymnoris xanthocollis	Harpagus bidentatus
Geranoaetus	spirurus	Gypaetus barbatus	Harpagus diodon
melanoleucus	Gnorimopsar chopi	Gypohierax angolensis	Harpia harpyja
Geranoaetus	Gorsachius goisagi	Gyps africanus	Hartlaubius auratus
polyosoma	Gorsachius	Gyps bengalensis	Hedydipna collaris
Geranoospiza	melanolophus	Gyps coprotheres	Heleia squamifrons
caerulescens	Gracula indica	Gyps fulvus	Heliactin bilophus
Geronticus calvus	Gracula ptilogenys	Gyps indicus	Heliangelus clarisse
Gerygone chloronota	Gracula religiosa	Gyps rueppelli	Helicolestes hamatus
Gerygone fusca	Gracupica contra	Gyps tenuirostris	Heliobletus
Gerygone levigaster	Gracupica nigricollis	Habia frenata	contaminatus
Gerygone magnirostris	Grafisia torquata	Habia fuscicauda	Heliodoxa aurescens
Gerygone mouki	Grallaria albigula	Habia rubica	Heliodoxa leadbeateri
Gerygone olivacea	Grallaria erythrotis	Haematoderus militaris	Heliodoxa schreibersii
Gerygone palpebrosa	Grallaria excelsa	Haematopus ater	Heliodoxa
Gerygone sulphurea	Grallaria guatemalensis	Haematopus	xanthogonys
Gerygone tenebrosa	Grallaria ruficapilla	fuliginosus	Heliomaster furcifer
Glareola cinerea	Grallaria saltuensis	Haematopus	Heliomaster
Glareola lactea	Grallaria squamigera	leucopodus	longirostris
Glareola maldivarum	Grallaria varia	Haematopus	Heliomaster
Glareola nordmanni	Grallaria flavirostris	longirostris	squamosus
Glareola nuchalis	Grallina cyanoleuca	Haematopus ostralegus	Heliopais personatus
Glareola ocularis	Granatellus pelzelni	Haematortyx	Heliornis fulica
Glareola pratincola	Granatina	sanguineiceps	Heliophryx auritus

Helmitheros vermivorum	Herpsilochmus sticturus	Hydrobates monorhis	Hypnelus ruficollis
Hemicircus canente	Hesperiphona abeillei	Hydrobates tethys	Hypocnemis cantator
Hemicircus sordidus	Hesperiphona	Hydrochous gigas	Hypocnemis flavescens
Hemimacronyx chloris	vespertina	Hydrocoloeus minutus	Hypocnemis
Hemiprocne comata	Heterocercus	Hydrophasianus	hypoxantha
Hemiprocne coronata	flavivertex	chirurgus	Hypocnemis
Hemiprocne	Heterocercus linteatus	Hydroprogne caspia	ochrogyna
longipennis	Heteromira fra ruddi	Hydropsalis	Hypocnemis subflava
Hemitesia pallidipes	Heteromunia pectoralis	cayennensis	Hypocnemoides
Hemithraupis	Heteromyias	Hydropsalis	maculicauda
flavicollis	cinereifrons	climacocerca	Hypocnemoides
Hemithraupis guira	Heterophasia	Hydropsalis	melanopogon
Hemithraupis	melanoleuca	maculicaudus	Hypoedaleus guttatus
ruficapilla	Heterophasia picaoides	Hydropsalis torquata	Hypotaenidia
Hemitriccus diops	Heteroscenes pallidus	Hydromis baudii	philippensis
Hemitriccus	Heterotetrax rueppellii	Hydromis caeruleus	Hypotaenidia torquata
flammulatus	Heterotetrax vigorsii	Hydromis cyaneus	Hypothymis azurea
Hemitriccus	Hieraaetus ayresii	Hydromis irena	Hypothymis coelestis
granadensis	Himantornis	Hydromis oatesi	Hypothymis helenae
Hemitriccus	haematopus	Hydromis phayrei	Hypsipetes amaurotis
griseipectus	Hippolais icterina	Hydromis schneideri	Hypsipetes ganeesa
Hemitriccus josephinae	Hippolais languida	Hydromis schwaneri	Hypsipetes
Hemitriccus	Hippolais olivetorum	Hylatomus galeatus	leucocephalus
margaritaceiventris	Hirundapus caudacutus	Hylatomus lineatus	Hypsipetes
Hemitriccus minimus	Hirundapus celebensis	Hylatomus pileatus	madagascariensis
Hemitriccus minor	Hirundapus	Hylexetastes perrotii	Hypsipetes philippinus
Hemitriccus	cochinchinensis	Hylia prasina	Ibycter americanus
nidipendulus	Hirundapus giganteus	Hyliota australis	Icteria virens
Hemitriccus obsoletus	Hirundinea bellicosa	Hyliota flavigaster	Icterus bullockii
Hemitriccus orbitatus	Hirundinea ferruginea	Hyliota violacea	Icterus cayanensis
Hemitriccus rufigularis	Hirundo aethiopica	Hylocharis chrysura	Icterus chrysoccephalus
Hemitriccus spodiops	Hirundo albigularis	Hylocharis cyanus	Icterus croconotus
Hemitriccus	Hirundo angolensis	Hylocichla mustelina	Icterus cucullatus
striaticollis	Hirundo angolensis	Hylopezus berlepschi	Icterus galbula
Hemitriccus zosterops	Hirundo atrocaerulea	Hylopezus macularius	Icterus graduacauda
Hemixos cinereus	Hirundo dimidiata	Hylopezus nattereri	Icterus gularis
Hemixos connectens	Hirundo javanica	Hylophilus	Icterus icterus
Hemixos flava	Hirundo neoxena	amaurocephalus	Icterus jamacaii
Henicorhina	Hirundo nigrita	Hylophilus	Icterus mesomelas
leucophrys	Hirundo rustica	brunneiceps	Icterus nigrogularis
Henicorhina leucosticta	Hirundo smithii	Hylophilus flavipes	Icterus parisorum
Herpetotheres	Histrionicus	Hylophilus	Icterus pyrrhopterus
cachinnans	histrionicus	griseiventris	Icterus spurius
Herpsilochmus	Histurgops ruficauda	Hylophilus pectoralis	Icterus wagleri
atricapillus	Hoploxypterus cayanus	Hylophilus poicilotis	Ichthyophaga humilis
Herpsilochmus	Horizocerus cassini	Hylophilus	Ictinia mississippiensis
dorsimaculatus	Horizocerus granti	semicinereus	Ictinia plumbea
Herpsilochmus	Horizocerus hartlaubii	Hylophilus thoracicus	Iduna caligata
longirostris	Horornis canturians	Hylophylax naevius	Iduna natalensis
Herpsilochmus	Horornis diphone	Hylophylax	Iduna pallida
roraia	Horornis flavolivaceus	punctulatus	Iduna rama
Herpsilochmus	Horornis seebohmii	Hylopsar purpureiceps	Iduna similis
rufimarginatus	Hydrobates furcatus	Hymenops	Ilicura militaris
Herpsilochmus	Hydrobates homochroa	perspicillatus	Illadopsis albipectus
scapularis	Hydrobates leucorhous	Hypargos margaritatus	Illadopsis cleaveri
Herpsilochmus	Hydrobates	Hypargos	Illadopsis fulvescens
stictocephalus	macrodactylus	niveoguttatus	Illadopsis pyrrhoptera
	Hydrobates melania	Hypergerus atriceps	Illadopsis rufipennis
	Hydrobates microsoma	Hypnelus bicinctus	

Indicator	Knipolegus hudsoni	Laniarius ferrugineus	Larvivora akahige
archipelagicus	Knipolegus lophotes	Laniarius funebris	Larvivora brunnea
Indicator exilis	Knipolegus nigerrimus	Laniarius	Larvivora cyane
Indicator indicator	Knipolegus	leucorhynchus	Larvivora sibilans
Indicator maculatus	orenocensis	Laniarius luehderi	Laterallus albigularis
Indicator meliphilus	Knipolegus	Laniisoma elegans	Laterallus exilis
Indicator minor	poecilocercus	Lanio fulvus	Laterallus jamaicensis
Indicator variegatus	Knipolegus poecilurus	Lanio versicolor	Laterallus leucopyrrhus
Inezia caudata	Knipolegus striaticeps	Laniocera hypopyrra	Laterallus
Inezia inornata	Lacedo melanops	Lanioturdus torquatus	melanophaius
Inezia subflava	Lacedo pulchella	Lanius borealis	Laterallus xenopterus
Inezia tenuirostris	Lafresnaya lafresnayi	Lanius bucephalus	Lathamus discolor
Iodopleura fusca	Lagonosticta nigricollis	Lanius cabanisi	Lathrotriccus euleri
Iodopleura isabellae	Lagonosticta nitidula	Lanius collaris	Legatus leucophaeus
Iodopleura pipra	Lagonosticta rara	Lanius collurio	Leopicus mahrattensis
Iole charlottae	Lagonosticta	Lanius collurioides	Leioptila annectens
Iole palawanensis	rhodopareia	Lanius cristatus	Leiothlypis celata
Iole propinqua	Lagonosticta rubricata	Lanius dorsalis	Leiothlypis crissalis
Irania gutturalis	Lagonosticta rufopicta	Lanius excubitor	Leiothlypis luciae
Irena cyanogastra	Lagonosticta senegala	Lanius excubitoroides	Leiothlypis peregrina
Irena puella	Lagopus lagopus	Lanius isabellinus	Leiothlypis ruficapilla
Irena tweeddalii	Lalage fimbriata	Lanius ludovicianus	Leiothlypis virginiae
Iridosornis jelskii	Lalage leucomela	Lanius mackinnoni	Leiothrix argentauris
Isleria guttata	Lalage melanoleuca	Lanius minor	Leiothrix laurinae
Isleria huxwelli	Lalage melanopectera	Lanius phoenicuroides	Leipoa ocellata
Isleriothraupis cristata	Lalage melaschistos	Lanius schach	Leistes loyca
Isleriothraupis luctuosa	Lalage nigra	Lanius senator	Leistes militaris
Ixobrychus	Lalage polioptera	Lanius souzai	Leistes superciliosus
cinnamomeus	Lalage tricolor	Lanius sphenocercus	Lepidocolaptes affinis
Ixobrychus dubius	Lampornis	Lanius tephronotus	Lepidocolaptes
Ixobrychus eurhythmus	amethystinus	Lanius tigrinus	albolineatus
Ixobrychus exilis	Lampornis clemenciae	Lanius validirostris	Lepidocolaptes
Ixobrychus flavicollis	Lamprospiza tanagrinus	Lanius vittatus	angustirostris
Ixobrychus involucris	Lamprospiza	Larus atlanticus	Lepidocolaptes duidae
Ixobrychus minutus	melanoleuca	Larus atricilla	Lepidocolaptes
Ixonotus guttatus	Lamprotornis	Larus brunnicapillus	falcinellus
Ixos malaccensis	acuticaudus	Larus californicus	Lepidocolaptes
Ixos mcclellandii	Lamprotornis australis	Larus canus	fatimalimae
Ixos sumatranus	Lamprotornis bicolor	Larus cirrocephalus	Lepidocolaptes
Jacamaralcyon	Lamprotornis	Larus crassirostris	fuscicapillus
tridactyla	chalybaeus	Larus delawarensis	Lepidocolaptes
Jacamerops aureus	Lamprotornis	Larus dominicanus	lacrymiger
Jacana jacana	chloropterus	Larus fuscus	Lepidocolaptes
Jacana spinosa	Lamprotornis fischeri	Larus glaucescens	souleyetii
Jubula lettii	Lamprotornis	Larus glaucoides	Lepidocolaptes
Junco hyemalis	hildebrandti	Larus heermanni	squamatus
Junco phaeonotus	Lamprotornis mevesii	Larus livens	Lepidogrammus
Kakamega poliothorax	Lamprotornis nitens	Larus maculipennis	cumingi
Kempiella griseiceps	Lamprotornis	Larus marinus	Lepidopygia nana
Kenopia striata	purpureoptera	Larus modestus	Lepidothrix coronata
Kittacincla albiventris	Lamprotornis	Larus novaehollandiae	Lepidothrix nattereri
Kittacincla luzoniensis	splendidus	Larus occidentalis	Lepidothrix serena
Kittacincla malabarica	Lamprotornis superbus	Larus philadelphia	Lepidothrix suavisima
Kittacincla nigra	Lamprotornis unicolor	Larus pipixcan	Leptasthenura
Klais guimeti	Laniarius aethiopicus	Larus ridibundus	fuliginiceps
Knipolegus aterrimus	Laniarius	Larus schistisagus	Leptasthenura pallida
Knipolegus cabanisi	atrococcineus	Larus scoresbii	Leptasthenura setaria
Knipolegus	Laniarius bicolor	Larus smithsonianus	Leptasthenura striolata
cyanostris	Laniarius erythrogaster	Larus thayeri	Leptocoma brasiliana

Leptocoma calcostetha	Limosa haemastica	Lophornis stictolophus	Macronectes halli
Leptocoma minima	Limosa lapponica	Lophornis verreauxii	Macronus ptilosus
Leptocoma sperata	Limosa limosa	Lophospingus	Macronyx ameliae
Leptocoma zeylonica	Linurgus olivaceus	griseocristatus	Macronyx aurantiigula
Leptodon cayanensis	Liocichla ripponi	Lophostrix cristata	Macronyx capensis
Leptopogon	Lipaugus lanioides	Lophotibis cristata	Macronyx croceus
albidiventer	Lipaugus uropygialis	Lophotis gindiana	Macronyx fuelleborni
Leptopogon	Lipaugus vociferans	Lophotis ruficrista	Macronyx sharpei
amaurocephalus	Lissotis hartlaubii	Lophotriccus galeatus	Macropsalis forcipata
Leptopogon	Lissotis melanogaster	Lophotriccus pileatus	Macropygia emiliana
superciliaris	Lobotos oriolinus	Lophotriccus vitiosus	Macropygia
Leptopterus chabert	Lochmias nematura	Lophotriorchis kienerii	phasianella
Leptoptilos crumenifer	Locustella amnicola	Lophura bulweri	Macropygia ruficeps
Leptoptilos dubius	Locustella caudata	Lophura diardi	Macropygia rufipennis
Leptoptilos javanicus	Locustella certhiola	Lophura	Macropygia
Leptosomus discolor	Locustella davidi	erythrophthalma	tenuirostris
Leptotila megalura	Locustella fasciolata	Lophura ignita	Macropygia unchall
Leptotila plumbeiceps	Locustella fluviatilis	Lophura inornata	Macrosphenus
Leptotila rufaxilla	Locustella lanceolata	Lophura nycthemera	concolor
Leptotila verreauxi	Locustella mandelli	Lophura pyronota	Macrosphenus
Lessonia rufa	Locustella naevia	Lophura rufa	flavicans
Leucippus fallax	Locustella ochotensis	Loriculus galgulus	Malacocincla abbotti
Leucochloris albicollis	Locustella seebohmi	Loriculus philippensis	Malacocincla sepiaria
Leucogeranus	Locustella	Loriculus vernalis	Malaconotus blanchoti
leucogeranus	tacsanowskia	Loxia curvirostra	Malaconotus cruentus
Leuconotopicus	Lonchura atricapilla	Loxia leucoptera	Malacopteron affine
albolarvatus	Lonchura	Lurocalis rufiventris	Malacopteron
Leuconotopicus	castaneothorax	Lurocalis	albogulare
arizonae	Lonchura flaviprymna	semitorquatus	Malacopteron
Leuconotopicus	Lonchura fuscans	Luscinia luscinia	cinereum
borealis	Lonchura kelaarti	Luscinia	Malacopteron
Leuconotopicus	Lonchura leucogastra	megarhynchos	magnirostre
fumigatus	Lonchura maja	Lybius guifsobalito	Malacopteron magnum
Leuconotopicus	Lonchura malacca	Lybius leucocephalus	Malacopteron
villosus	Lonchura punctulata	Lybius torquatus	palawanense
Leucopternis kuhli	Lonchura striata	Lymnocyrtus	Malacoptila fusca
Leucopternis melanops	Lophaetus occipitalis	minimus	Malacoptila mystacalis
Leucosarcia	Lophoceros	Lyncornis macrotis	Malacoptila striata
melanoleuca	alboterminatus	Lyncornis temminckii	Malacorhynchus
Leucosticte arctoa	Lophoceros bradfieldi	Lyrurus tetrax	membranaceus
Leucosticte atrata	Lophoceros camurus	Machaerirhynchus	Malcorus pectoralis
Leucosticte australis	Lophoceros fasciatus	flaviventer	Malimbus cassini
Leucosticte tephrocotis	Lophoceros hemprichii	Machaeropterus	Malimbus coronatus
Lewinia mirifica	Lophoceros nasutus	pyrocephalus	Malimbus
Lewinia pectoralis	Lophoceros	Machaeropterus	erythrogaster
Lewinia striata	pallidirostris	striolatus	Malimbus malimbicus
Lichenostomus	Lophodytes cucullatus	Macheiramphus	Malimbus nitens
cratitius	Lophoictinia isura	alcinus	Malimbus rubricollis
Lichenostomus	Lopholaimus	Machetornis rixosa	Malurus amabilis
melanops	antarcticus	Machlolophus nuchalis	Malurus coronatus
Lichmera indistincta	Lophonetta	Machlolophus	Malurus cyaneus
Limnodromus griseus	specularioides	spilonotus	Malurus elegans
Limnodromus	Lophorina magnifica	Machlolophus	Malurus lamberti
scolopaceus	Lophorina paradisea	xanthogenys	Malurus leucopterus
Limnodromus	Lophornis chalybeus	Mackenziaena leachii	Malurus
semipalmatus	Lophornis delattrei	Mackenziaena severa	melanocephalus
Limnotheryx	Lophornis magnificus	Macroagelaius	Malurus pulcherrimus
swainsonii	Lophornis ornatus	imthurni	Malurus splendens
Limosa fedoa	Lophornis pavoninus	Macronectes giganteus	Manacus manacus

Mandingoa nitidula	Melaenornis	Melithreptus	Micrastur
Manorina flavigula	semipartitus	albogularis	semitorquatus
Manorina	Melanerpes aurifrons	Melithreptus	Micrathene whitneyi
melanocephala	Melanerpes cactorum	brevirostris	Microbates collaris
Manorina melanophrys	Melanerpes candidus	Melithreptus chloropsis	Microcarbo africanus
Manorina melanotis	Melanerpes carolinus	Melithreptus gularis	Microcarbo
Mareca americana	Melanerpes cruentatus	Melithreptus laetior	melanoleucos
Mareca falcata	Melanerpes	Melithreptus lunatus	Microcarbo niger
Mareca penelope	erythrocephalus	Melithreptus	Microcerculus bambla
Mareca sibilatrix	Melanerpes flavifrons	validirostris	Microcerculus
Mareca strepera	Melanerpes	Melloria quoyi	marginatus
Margaroperdix	formicivorus	Melocichla mentalis	Microcerculus
madagarensis	Melanerpes lewis	Melopsittacus	ustulatus
Margarornis squamiger	Melanerpes	undulatus	Microeca fascians
Maschalethraupis	rubricapillus	Melospiza georgiana	Microeca flavigaster
surinama	Melaniparus afer	Melospiza lincolni	Microeca tormenti
Mecocerculus	Melaniparus albiventris	Melospiza melodia	Microhierax
hellmayri	Melaniparus carpi	Melozona aberti	caerulescens
Mecocerculus	Melaniparus	Melozona crissalis	Microhierax
leucophrys	cinerascens	Melozona fusca	erythrogenys
Mecocerculus	Melaniparus	Menura alberti	Microhierax
stictopterus	fringillinus	Menura	fringillarius
Megabyas flammulatus	Melaniparus funereus	novae-hollandiae	Micronisus gabar
Megaceryle alcyon	Melaniparus	Merganetta armata	Microparra capensis
Megaceryle lugubris	griseiventris	Mergellus albellus	Micropternus
Megaceryle maxima	Melaniparus guineensis	Mergus merganser	brachyurus
Megaceryle torquata	Melaniparus	Mergus octosetaceus	Microptilotis
Megaloprepia	leucomelas	Mergus serrator	albilineatus
magnifica	Melaniparus niger	Mergus squamatus	Microptilotis fordianus
Megalurus palustris	Melaniparus	Merops albigollis	Microptilotis gracilis
Megapodius cumingii	pallidiventris	Merops americanus	Microptylgia
Megapodius	Melaniparus rufiventris	Merops apiaster	schomburgkii
nicobariensis	Melaniparus thruppi	Merops breweri	Microrhopias quixensis
Megapodius reinwardt	Melanitta perspicillata	Merops bullockoides	Microspingus cabanisi
Megarynchus pitangua	Melanitta stejnegeri	Merops malimbicus	Microspingus cinereus
Megascops albogularis	Melanochlora sultanea	Merops muelleri	Microspingus
Megascops asio	Melanocorypha	Merops nubicoides	erythrophrys
Megascops atricapilla	mongolica	Merops nubicus	Microspingus torquatus
Megascops choliba	Melanodera	Merops oreobates	Microspingus
Megascops guatemalae	melanodera	Merops orientalis	trifasciatus
Megascops ingens	Melanodera	Merops ornatus	Microstilbon
Megascops kennicottii	xanthogramma	Merops persicus	burneisteri
Megascops marshalli	Melanodryas cucullata	Merops philippinus	Microtarsus
Megascops	Melanodryas vittata	Merops pusillus	melanoleucos
sanctaecatarinae	Melanopareia	Merops superciliosus	Microxenops milleri
Megascops trichopsis	maximiliani	Merops variegatus	Milvago chimachima
Megascops	Melanopareia torquata	Merops viridis	Milvus migrans
vermiculatus	Melanoperdix niger	Merulaxis ater	Mimus dorsalis
Megascops watsonii	Melanospiza bicolor	Mesembrinibis	Mimus gilvus
Megastictus	Melanotis caerulescens	cayennensis	Mimus patagonicus
margaritatus	Meleagris gallopavo	Metallura aeneocauda	Mimus polyglottos
Meiglyptes	Melichneutes robustus	Metallura tyrianthina	Mimus saturninus
grammithorax	Melierax canorus	Metopidius indicus	Mimus triurus
Meiglyptes jugularis	Melierax metabates	Metriopelia	Mionectes galbinus
Meiglyptes tukki	Melierax poliopterus	melanoptera	Mionectes macconnelli
Melaenornis edolioides	Melignomon zenkeri	Micrastur gilvicolis	Mionectes oleagineus
Melaenornis fischeri	Meliphaga lewinii	Micrastur mintoni	Mionectes roaimae
Melaenornis	Meliphaga notata	Micrastur mirandollei	Mionectes rufiventris
pammelaina	Melithreptus affinis	Micrastur ruficollis	Mionectes striatocollis

Mirafrā affinis	Motacilla clara	Myiarchus nuttingi	Myrmoderus ruficauda
Mirafrā africana	Motacilla flava	Myiarchus swainsoni	Myrmoderus
Mirafrā albicauda	Motacilla flaviventris	Myiarchus tuberculifer	squamosus
Mirafrā angolensis	Motacilla grandis	Myiarchus tyrannulus	Myrmophylax
Mirafrā apiata	Motacilla	Myiarchus	atrothorax
Mirafrā assamica	maderaspatensis	venezuelensis	Myrmornis torquata
Mirafrā cheniana	Motacilla	Myiobius barbatus	Myrmothera simplex
Mirafrā erythrocephala	tschutschensis	Myioborus albifacies	Myrmotherula ambigua
Mirafrā erythroptera	Mulleripicus funebris	Myioborus brunniceps	Myrmotherula axillaris
Mirafrā fasciolata	Mulleripicus	Myioborus	Myrmotherula behni
Mirafrā hypermetra	pulverulentus	castaneocapilla	Myrmotherula cherriei
Mirafrā javanica	Muscicapa adusta	Myioborus	Myrmotherula grisea
Mirafrā passerina	Muscicapa cassini	melanocephalus	Myrmotherula ignota
Mirafrā pulpa	Muscicapa dauurica	Myiodynastes	Myrmotherula
Mirafrā	Muscicapa epulata	chrysocephalus	longicauda
rufocinnamomea	Muscicapa ferruginea	Myiodynastes	Myrmotherula luctuosa
Mitrephanes	Muscicapa griseisticta	maculatus	Myrmotherula
phaeocercus	Muscicapa muttui	Myiodynastes	multostriata
Mitu tomentosum	Muscicapa randi	solitarius	Myrmotherula
Mitu tuberosum	Muscicapa sethsmithi	Myiomela diana	schisticolor
Mixornis bornensis	Muscicapa sibirica	Myiomela leucura	Myrmotherula sclateri
Mixornis gularis	Muscicapa striata	Myiopagis caniceps	Myrmotherula
Mniotilta varia	Muscipipra vetula	Myiopagis cinerea	surinamensis
Molothrus aeneus	Muscisaxicola albilora	Myiopagis gaimardii	Myrmotherula unicolor
Molothrus ater	Muscisaxicola	Myiopagis viridicata	Myzomela obscura
Molothrus bonariensis	capistratus	Myiophobus fasciatus	Myzomela
Molothrus oryzivorus	Muscisaxicola cinereus	Myiopsitta luchi	sanguinolenta
Molothrus rufoaxillaris	Muscisaxicola	Myiopsitta monachus	Nannopsittaca
Momotus coeruliceps	flavinucha	Myiornis albiventris	panychlora
Momotus lessonii	Muscisaxicola	Myiotheretes	Napothera epilepidota
Momotus momota	fluvialis	fumigatus	Nasica longirostris
Momotus subrufescens	Muscisaxicola griseus	Myiothlypis bivittata	Neafrapus boehmi
Monarcha frater	Muscisaxicola	Myiothlypis	Neafrapus cassini
Monarcha melanopsis	juninensis	cinereicollis	Necrosyrtes monachus
Monasa atra	Muscisaxicola	Myiothlypis coronata	Neochen jubata
Monasa morphoeus	maclovianus	Myiothlypis euophrys	Neochmia evangelinae
Monasa nigrifrons	Muscisaxicola	Myiothlypis flaveola	Neochmia phaeton
Monias benschi	maculirostris	Myiothlypis fulvicauda	Neocrex erythrops
Monticola angolensis	Muscisaxicola	Myiothlypis	Neoctantes niger
Monticola brevipes	occipitalis	leucoblephara	Neomixis pallidior
Monticola	Musophaga rossae	Myiothlypis	Neomorphus geoffroyi
cinclorhyncha	Myadestes occidentalis	leucophrys	Neomorphus rufipennis
Monticola explorator	Myadestes raloides	Myiothlypis	Neopelma
Monticola gularis	Myadestes townsendi	mesoleucus	chrysocephalum
Monticola imerina	Mycerobas carnipes	Myiothlypis	Neopelma pallescens
Monticola rufiventris	Mycerobas	nigrocristata	Neophedina cincta
Monticola rufocinereus	melanozanthos	Myiothlypis rivularis	Neophema
Monticola rupestris	Mycteria americana	Myiothlypis roraimae	chrysogaster
Monticola saxatilis	Mycteria ibis	Myiothlypis signata	Neophema
Monticola sharpei	Mycteria leucocephala	Myrmeciza longipes	chrysostoma
Monticola solitarius	Myiagra alecto	Myrmecocichla arnotti	Neophema elegans
Morphnus guianensis	Myiagra cyanoleuca	Myrmecocichla	Neophema petrophila
Morus bassanus	Myiagra inquieta	monticola	Neophema pulchella
Morus serrator	Myiagra nana	Myrmelastes caurensis	Neophema splendida
Motacilla aguimp	Myiagra rubecula	Myrmelastes	Neophron percnopterus
Motacilla alba	Myiarchus cephalotes	leucostigma	Neopsephotus bourkii
Motacilla capensis	Myiarchus cinerascens	Myrmoderus	Neosuthora davidiana
Motacilla cinerea	Myiarchus crinitus	ferrugineus	Neotis denhami
Motacilla citreola	Myiarchus ferox	Myrmoderus loricatus	Neotis ludwigii

<i>Nesillas typica</i>	<i>Numida meleagris</i>	<i>Oreothlypis</i>	<i>Pachyptila desolata</i>
<i>Nesocharis ansorgei</i>	<i>Nyctanassa violacea</i>	<i>superciliosa</i>	<i>Pachyptila salvini</i>
<i>Nesoenas picturatus</i>	<i>Nyctibius aethereus</i>	<i>Oriolus brachyrynchus</i>	<i>Pachyptila turtur</i>
<i>Nesoptilotis flavicollis</i>	<i>Nyctibius bracteatus</i>	<i>Oriolus chlorocephalus</i>	<i>Pachyramphus major</i>
<i>Nesoptilotis leucotis</i>	<i>Nyctibius grandis</i>	<i>Oriolus consanguineus</i>	<i>Pachyramphus</i>
<i>Netta erythrophthalma</i>	<i>Nyctibius griseus</i>	<i>Oriolus isabellae</i>	<i>polychopterus</i>
<i>Nettapus auritus</i>	<i>Nyctibius jamaicensis</i>	<i>Oriolus kundoo</i>	<i>Pachyramphus rufus</i>
<i>Nettapus</i>	<i>Nyctibius leucopterus</i>	<i>Oriolus oriolus</i>	<i>Pachyramphus</i>
<i>coromandelianus</i>	<i>Nycticorax caledonicus</i>	<i>Oriolus trailii</i>	<i>surinamus</i>
<i>Nettapus pulchellus</i>	<i>Nycticorax nycticorax</i>	<i>Orochelidon flavipes</i>	<i>Pachyramphus viridis</i>
<i>Niltava oatesi</i>	<i>Nycticryphes</i>	<i>Orochelidon murina</i>	<i>Pachysylvia</i>
<i>Ninox connivens</i>	<i>semicollaris</i>	<i>Ortalis araucuan</i>	<i>aurantiifrons</i>
<i>Ninox japonica</i>	<i>Nyctidromus albigollis</i>	<i>Ortalis canicollis</i>	<i>Pachysylvia</i>
<i>Ninox leucopsis</i>	<i>Nyctiphrynus ocellatus</i>	<i>Ortalis guttata</i>	<i>hypoxantha</i>
<i>Ninox obscura</i>	<i>Nyctipolus nigrescens</i>	<i>Ortalis motmot</i>	<i>Pachysylvia</i>
<i>Ninox philippensis</i>	<i>Nyctiprogne leucopyga</i>	<i>Ortalis ruficauda</i>	<i>muscipapina</i>
<i>Ninox randi</i>	<i>Nyctyornis amictus</i>	<i>Ortalis squamata</i>	<i>Pachysylvia</i>
<i>Ninox rufa</i>	<i>Nyctyornis athertoni</i>	<i>Ortalis vetula</i>	<i>semibrunnea</i>
<i>Ninox scutulata</i>	<i>Nymphicus hollandicus</i>	<i>Orthopsittaca</i>	<i>Pagophila eburnea</i>
<i>Ninox strenua</i>	<i>Nystactes tamatia</i>	<i>manilatus</i>	<i>Paludipasser locustella</i>
<i>Nisaetus alboniger</i>	<i>Nystalus chacuru</i>	<i>Orthotomus</i>	<i>Pandion haliaetus</i>
<i>Nisaetus cirrhatus</i>	<i>Nystalus maculatus</i>	<i>chloronotus</i>	<i>Panyptila cayennensis</i>
<i>Nisaetus nanus</i>	<i>Nystalus striolatus</i>	<i>Ortyxelos meiffrenii</i>	<i>Parabuteo leucorrhous</i>
<i>Nisaetus nipalensis</i>	<i>Oceanites oceanicus</i>	<i>Otis tarda</i>	<i>Parabuteo unicinctus</i>
<i>Nisaetus philippensis</i>	<i>Ochthoeca fumicolor</i>	<i>Otus alius</i>	<i>Pardaliparus amabilis</i>
<i>Nomonyx dominicus</i>	<i>Ochthoeca thoracica</i>	<i>Otus bakkamoena</i>	<i>Pardaliparus elegans</i>
<i>Nonnula rubecula</i>	<i>Ocreatus underwoodii</i>	<i>Otus balli</i>	<i>Pardalotus</i>
<i>Nonnula ruficapilla</i>	<i>Ocyrceros birostris</i>	<i>Otus brookii</i>	<i>quadrangulus</i>
<i>Northiella</i>	<i>Ocyrceros gingalensis</i>	<i>Otus fuliginosus</i>	<i>Pardirallus maculatus</i>
<i>haematogaster</i>	<i>Ocyrceros griseus</i>	<i>Otus icterorhynchus</i>	<i>Pardirallus nigricans</i>
<i>Notharchus</i>	<i>Ocyphaps lophotes</i>	<i>Otus lempiji</i>	<i>Pardirallus</i>
<i>hyperrrhynchus</i>	<i>Odontophorus</i>	<i>Otus lettia</i>	<i>sanguinolentus</i>
<i>Notharchus</i>	<i>balliviani</i>	<i>Otus longicornis</i>	<i>Paroaria gularis</i>
<i>macrorhynchus</i>	<i>Odontophorus capueira</i>	<i>Otus megalotis</i>	<i>Passer cinnamomeus</i>
<i>Notharchus ordii</i>	<i>Odontophorus</i>	<i>Otus rufescens</i>	<i>Passer domesticus</i>
<i>Notharchus swainsoni</i>	<i>gujanensis</i>	<i>Otus rutilus</i>	<i>Passer montanus</i>
<i>Notharchus tectus</i>	<i>Odontophorus</i>	<i>Otus sagittatus</i>	<i>Passerculus bairdii</i>
<i>Nothocercus</i>	<i>speciosus</i>	<i>Otus scops</i>	<i>Passerculus guttatus</i>
<i>bonapartei</i>	<i>Odontophorus stellatus</i>	<i>Otus semitorques</i>	<i>Passerculus henslowii</i>
<i>Nothocercus</i>	<i>Odontospiza</i>	<i>Otus senegalensis</i>	<i>Passerculus rostratus</i>
<i>nigrocapillus</i>	<i>griseicapilla</i>	<i>Otus spilocephalus</i>	<i>Passerculus</i>
<i>Nothocrax urumutum</i>	<i>Oena capensis</i>	<i>Otus sunia</i>	<i>sandwichensis</i>
<i>Nothoprocta ornata</i>	<i>Oenanthe albifrons</i>	<i>Oxyura australis</i>	<i>Passerella arborea</i>
<i>Nothoprocta pentlandii</i>	<i>Oenanthe oenanthe</i>	<i>Oxyura ferruginea</i>	<i>Passerella iliaca</i>
<i>Nothura boraquira</i>	<i>Oenanthe scotocerca</i>	<i>Oxyura jamaicensis</i>	<i>Passerella</i>
<i>Nothura darwini</i>	<i>Oneillornis salvini</i>	<i>Oxyura maccoa</i>	<i>megarrhyncha</i>
<i>Nothura maculosa</i>	<i>Onychognathus morio</i>	<i>Oxyura vittata</i>	<i>Passerella schistacea</i>
<i>Nothura minor</i>	<i>Onychoprion aleuticus</i>	<i>Pachycephala cinerea</i>	<i>Passerella</i>
<i>Notopholia corusca</i>	<i>Onychoprion</i>	<i>Pachycephala</i>	<i>unalaschensis</i>
<i>Nucifraga</i>	<i>anaethetus</i>	<i>griseiceps</i>	<i>Passerina cyanea</i>
<i>caryocatactes</i>	<i>Onychoprion fuscatus</i>	<i>Pachycephala</i>	<i>Pastor roseus</i>
<i>Numenius americanus</i>	<i>Onychorhynchus</i>	<i>pectoralis</i>	<i>Patagioenas albilinea</i>
<i>Numenius arquata</i>	<i>coronatus</i>	<i>Pachycephala</i>	<i>Patagioenas albipennis</i>
<i>Numenius borealis</i>	<i>Opisthocomus hoazin</i>	<i>rufiventris</i>	<i>Patagioenas araucana</i>
<i>Numenius</i>	<i>Oreolais pulcher</i>	<i>Pachycephala</i>	<i>Patagioenas</i>
<i>madagascariensis</i>	<i>Oreortyx pictus</i>	<i>rufogularis</i>	<i>cayennensis</i>
<i>Numenius minutus</i>	<i>Oreoscoptes montanus</i>	<i>Pachycephala simplex</i>	<i>Patagioenas corensis</i>
<i>Numenius phaeopus</i>	<i>Oreoscoptes gutturalis</i>	<i>Pachycoccyx audeberti</i>	<i>Patagioenas fasciata</i>
<i>Numenius tahitiensis</i>		<i>Pachyptila belcheri</i>	<i>Patagioenas flavirostris</i>

Patagioenas maculosa	Petrochelidon ariel	Phaetusa simplex	Phodilus assimilis
Patagioenas picazuro	Petrochelidon fluvicola	Phalacrocorax atriceps	Phoebastria albatrus
Patagioenas plumbea	Petrochelidon nigricans	Phalacrocorax auritus	Phoebastria
Patagioenas speciosa	Petrochelidon preussi	Phalacrocorax	immutabilis
Patagioenas subvinacea	Petrochelidon spilodera	brasilianus	Phoebastria nigripes
Patagona gigas	Petroica boodang	Phalacrocorax	Phoebetria fusca
Pauxi pauxi	Petronia petronia	capillatus	Phoebetria palpebrata
Pauxi unicornis	Petrophassa albipennis	Phalacrocorax carbo	Phoeniconaias minor
Pavo cristatus	Petrophassa rufipennis	Phalacrocorax	Phoenicopterus
Pavo muticus	Pezoporus occidentalis	fuscescens	chilensis
Pedionomus torquatus	Pezoporus wallicus	Phalacrocorax	Phoenicopterus roseus
Pelagodroma marina	Phacellodomus	fuscicollis	Phoeniculus bollei
Pelargopsis capensis	ferrugineigula	Phalacrocorax	Phoeniculus
Pelecanoides magellani	Phacellodomus	gaimardi	damarensis
Pelecanoides urinatrix	inornatus	Phalacrocorax	Phoeniculus purpureus
Pelecanus	Phacellodomus	magellanicus	Phoenicurus bicolor
conspicillatus	rufifrons	Phalacrocorax	Phoenicurus frontalis
Pelecanus	Phaenicophaeus	pelagicus	Phoenicurus
erythrorhynchos	curvirostris	Phalacrocorax	fuliginosus
Pelecanus occidentalis	Phaenicophaeus diardi	penicillatus	Phoenicurus
Pelecanus onocrotalus	Phaenicophaeus	Phalacrocorax	phoenicurus
Pelecanus philippensis	pyrrhocephalus	sulcirostris	Pholia sharpii
Pelecanus rufescens	Phaenicophaeus	Phalacrocorax urile	Phonygammus
Peliperdix albogularis	sumatranus	Phalacrocorax varius	keraudrenii
Peliperdix coqui	Phaenicophaeus tristis	Phalaenoptilus nuttallii	Phyllanthus bohndorffi
Peliperdix lathamii	Phaenicophaeus	Phalaropus fulicarius	Phyllastrephus
Pellorneum albiventris	viridirostris	Phalaropus lobatus	albigularis
Pellorneum	Phaeomyias murina	Phalcoboenus	Phyllergates cucullatus
nigrocapitatum	Phaethon aethereus	albigularis	Phyllolais pulchella
Peltohyas australis	Phaethon lepturus	Phalcoboenus australis	Phyllomyias
Penelope argyrotis	Phaethon rubricauda	Phalcoboenus	burmeisteri
Penelope jacquacu	Phaethornis	chimango	Phyllomyias griseiceps
Penelope marail	anthophilus	Phaps chalcoptera	Phyllomyias
Penelope montagnii	Phaethornis	Phaps elegans	griseocapilla
Penelope obscura	atrimentalis	Phaps histrionica	Phyllomyias zeledoni
Penelope ochrogaster	Phaethornis augusti	Pharomachrus	Phylloscartes
Penelope purpurascens	Phaethornis bourcierii	antisianus	superciliaris
Penelope superciliaris	Phaethornis eurynome	Pharomachrus auriceps	Phylloscartes virescens
Penelopides manillae	Phaethornis	Pharomachrus	Phylloscopus affinis
Peneoenanthe	griseogularis	pavoninus	Phylloscopus borealis
pulverulenta	Phaethornis guy	Phasianus colchicus	Phylloscopus
Pernostola rufifrons	Phaethornis hispidus	Phelpsia inornata	borealoides
Perdica argoandah	Phaethornis idaliae	Pheugopedius coraya	Phylloscopus burkii
Perdica asiatica	Phaethornis	Pheugopedius	Phylloscopus
Perdica	longirostris	genibarbis	castaniceps
erythrorhyncha	Phaethornis	Pheugopedius	Phylloscopus claudiae
Perdix dauurica	longuemareus	maculipectus	Phylloscopus collybita
Perdix perdix	Phaethornis malaris	Pheugopedius	Phylloscopus
Pericrocotus	Phaethornis nattereri	mystacalis	examinandus
cinnamomeus	Phaethornis pretrei	Pheugopedius rutilus	Phylloscopus fuscatus
Pericrocotus	Phaethornis ruber	Philemon buceroides	Phylloscopus humei
erythropygus	Phaethornis rupurumii	Philemon citreogularis	Phylloscopus inornatus
Pericrocotus montanus	Phaethornis squalidus	Philentoma pyrhoptera	Phylloscopus intensior
Pericrocotus solaris	Phaethornis striigularis	Philentoma velata	Phylloscopus montis
Periparus ater	Phaethornis stuarti	Philohydor lictor	Phylloscopus nitidus
Perisoreus infaustus	Phaethornis	Philydor pyrrhodes	Phylloscopus
Pernis apivorus	subochraceus	Phimosus infuscatus	occipitalis
Pernis ptilorhynchus	Phaethornis	Phlegopsis erythroptera	Phylloscopus
Pernis steerei	superciliosus	Phleocryptes melanops	omeiensis

<i>Phylloscopus</i>	<i>Picus rabieri</i>	<i>Platysmurus aterrimus</i>	<i>Pogonotriccus</i>
<i>poliogenys</i>	<i>Picus viridanus</i>	<i>Platysmurus</i>	<i>poecilotis</i>
<i>Phylloscopus</i>	<i>Picus vittatus</i>	<i>leucopterus</i>	<i>Poicephalus</i>
<i>proregulus</i>	<i>Picus xanthopygaeus</i>	<i>Plectrophenax nivalis</i>	<i>cryptoxanthus</i>
<i>Phylloscopus</i>	<i>Pilherodius pileatus</i>	<i>Plectropterus</i>	<i>Poicephalus gulielmi</i>
<i>reguloides</i>	<i>Pinarochroa sordida</i>	<i>gambensis</i>	<i>Poicephalus meyeri</i>
<i>Phylloscopus ricketti</i>	<i>Pinguinus impennis</i>	<i>Plegadis chihi</i>	<i>Poicephalus robustus</i>
<i>Phylloscopus</i>	<i>Pionites leucogaster</i>	<i>Plegadis falcinellus</i>	<i>Poicephalus rueppellii</i>
<i>ruficapilla</i>	<i>Pionites</i>	<i>Plegadis ridgwayi</i>	<i>Poicephalus rufiventris</i>
<i>Phylloscopus schwarzi</i>	<i>melanocephalus</i>	<i>Ploceus hypoxanthus</i>	<i>Polemaetus bellicosus</i>
<i>Phylloscopus sibilatrix</i>	<i>Pionites xanthomerus</i>	<i>Ploceus manyar</i>	<i>Polihierax insignis</i>
<i>Phylloscopus soror</i>	<i>Pionopsitta pileata</i>	<i>Ploceus nigerrimus</i>	<i>Polihierax</i>
<i>Phylloscopus</i>	<i>Pionus chalcopterus</i>	<i>Ploceus nigricollis</i>	<i>semitorquatus</i>
<i>sumatrensis</i>	<i>Pionus fuscus</i>	<i>Ploceus ocularis</i>	<i>Poliocephalus</i>
<i>Phylloscopus</i>	<i>Pionus maximiliani</i>	<i>Ploceus rubiginosus</i>	<i>poliocephalus</i>
<i>tephrocephalus</i>	<i>Pionus menstruus</i>	<i>Ploceus velatus</i>	<i>Poliolophus urostictus</i>
<i>Phylloscopus tristis</i>	<i>Pionus senilis</i>	<i>Ploceus xanthopterus</i>	<i>Polioptila guianensis</i>
<i>Phylloscopus</i>	<i>Pionus sordidus</i>	<i>Pluvialis dominica</i>	<i>Polioptila plumbea</i>
<i>trochiloides</i>	<i>Pionus tumultuosus</i>	<i>Pluvialis fulva</i>	<i>Polyboroides radiatus</i>
<i>Phylloscopus</i>	<i>Pipile cujubi</i>	<i>Pluvialis squatarola</i>	<i>Polyboroides typus</i>
<i>xanthodryas</i>	<i>Pipile cumanensis</i>	<i>Pluvianellus socialis</i>	<i>Polyplectron</i>
<i>Piaya cayana</i>	<i>Pipile grayi</i>	<i>Pluvianus aegyptius</i>	<i>bicalcaratum</i>
<i>Piaya melanogaster</i>	<i>Pipile jacutinga</i>	<i>Podargus ocellatus</i>	<i>Polyplectron</i>
<i>Pica hudsonia</i>	<i>Pipilo</i>	<i>Podargus papuensis</i>	<i>chalcureum</i>
<i>Pica nutalli</i>	<i>erythrophthalmus</i>	<i>Podargus strigoides</i>	<i>Polyplectron</i>
<i>Pica pica</i>	<i>Pipilo maculatus</i>	<i>Podica senegalensis</i>	<i>inopinatum</i>
<i>Picoides arcticus</i>	<i>Pipraeidea bonariensis</i>	<i>Podiceps auritus</i>	<i>Polyplectron</i>
<i>Picoides canicapillus</i>	<i>Pipreola aureopectus</i>	<i>Podiceps cristatus</i>	<i>malacense</i>
<i>Picoides kizuki</i>	<i>Pipreola frontalis</i>	<i>Podiceps gallardoi</i>	<i>Polyplectron</i>
<i>Picoides maculatus</i>	<i>Pipreola riefferii</i>	<i>Podiceps grisegena</i>	<i>napoleonis</i>
<i>Picoides moluccensis</i>	<i>Piprites chloris</i>	<i>Podiceps juninensis</i>	<i>Polyplectron</i>
<i>Picoides nanus</i>	<i>Piranga flava</i>	<i>Podiceps major</i>	<i>schleiermacheri</i>
<i>Picoides tridactylus</i>	<i>Piranga hepatica</i>	<i>Podiceps nigricollis</i>	<i>Polysticta stelleri</i>
<i>Piculus aurulentus</i>	<i>Piranga ludoviciana</i>	<i>Podiceps occipitalis</i>	<i>Polystictus pectoralis</i>
<i>Piculus chrysochloros</i>	<i>Pithecophaga jefferyi</i>	<i>Podilymbus podiceps</i>	<i>Polytelis swainsonii</i>
<i>Piculus flavigula</i>	<i>Pitta brachyura</i>	<i>Poecile atricapillus</i>	<i>Polytmus guainumbi</i>
<i>Piculus leucolaemus</i>	<i>Pitta moluccensis</i>	<i>Poecile carolinensis</i>	<i>Polytmus milleri</i>
<i>Picumnus</i>	<i>Pitta sordida</i>	<i>Poecile cinctus</i>	<i>Polytmus theresiae</i>
<i>albosquamatus</i>	<i>Platalea ajaja</i>	<i>Poecile gambeli</i>	<i>Pomatorhinus phayrei</i>
<i>Picumnus aurifrons</i>	<i>Platalea alba</i>	<i>Poecile hudsonicus</i>	<i>Poodytes carteri</i>
<i>Picumnus</i>	<i>Platalea flavipes</i>	<i>Poecile montanus</i>	<i>Poodytes gramineus</i>
<i>cinnamomeus</i>	<i>Platalea leucorodia</i>	<i>Poecile palustris</i>	<i>Poospiza nigrorufa</i>
<i>Picumnus cirratus</i>	<i>Platalea minor</i>	<i>Poecile rufescens</i>	<i>Poospizopsis</i>
<i>Picumnus exilis</i>	<i>Platalea regia</i>	<i>Poecile sclateri</i>	<i>hypocondria</i>
<i>Picumnus innominatus</i>	<i>Platycercus adscitus</i>	<i>Poecilotriccus</i>	<i>Porphyrio alleni</i>
<i>Picumnus lafresnayi</i>	<i>Platycercus</i>	<i>fumifrons</i>	<i>Porphyrio flavirostris</i>
<i>Picumnus nebulosus</i>	<i>caledonicus</i>	<i>Poecilotriccus</i>	<i>Porphyrio martinicus</i>
<i>Picumnus olivaceus</i>	<i>Platycercus elegans</i>	<i>plumbeiceps</i>	<i>Porphyrio porphyrio</i>
<i>Picumnus pumilus</i>	<i>Platycercus eximius</i>	<i>Pogoniulus atroflavus</i>	<i>Porzana albicollis</i>
<i>Picumnus rufiventris</i>	<i>Platycercus icterotis</i>	<i>Pogoniulus</i>	<i>Porzana carolina</i>
<i>Picumnus spilogaster</i>	<i>Platycercus venustus</i>	<i>subsulphureus</i>	<i>Porzana fluminea</i>
<i>Picumnus squamulatus</i>	<i>Platylophus</i>	<i>Pogonornis bidentatus</i>	<i>Porzana porzana</i>
<i>Picumnus temminckii</i>	<i>galericulatus</i>	<i>Pogonotriccus</i>	<i>Premnornis guttuliger</i>
<i>Picus canus</i>	<i>Platyrinchus</i>	<i>chapmani</i>	<i>Primolius auricollis</i>
<i>Picus chlorolophus</i>	<i>albogularis</i>	<i>Pogonotriccus eximius</i>	<i>Primolius maracana</i>
<i>Picus dedemi</i>	<i>Platyrinchus</i>	<i>Pogonotriccus</i>	<i>Prinia erythroptera</i>
<i>Picus erythropygius</i>	<i>flavicularis</i>	<i>ophthalmicus</i>	<i>Prinia flaviventris</i>
<i>Picus guerini</i>	<i>Platyrinchus mystaceus</i>	<i>Pogonotriccus orbitalis</i>	<i>Prinia rufifrons</i>
<i>Picus puniceus</i>	<i>Platyrinchus saturatus</i>		<i>Prinia superciliaris</i>

<i>Prioniturus luconensis</i>	<i>Psilopogon malabaricus</i>	<i>Pterodroma arminjoniana</i>	<i>Puffinus auricularis</i>
<i>Prioniturus montanus</i>	<i>Psilopogon monticola</i>	<i>Pterodroma cahow</i>	<i>Puffinus bailloni</i>
<i>Prioniturus platenae</i>	<i>Psilopogon mystacophanos</i>	<i>Pterodroma cervicalis</i>	<i>Puffinus elegans</i>
<i>Prionops rufiventris</i>	<i>Psilopogon oorti</i>	<i>Pterodroma cookii</i>	<i>Puffinus gavia</i>
<i>Probosciger aterrimus</i>	<i>Psilopogon pyrolophus</i>	<i>Pterodroma deserta</i>	<i>Puffinus huttoni</i>
<i>Procellaria</i>	<i>Psilopogon rafflesii</i>	<i>Pterodroma externa</i>	<i>Puffinus lherminieri</i>
<i>aequinocialis</i>	<i>Psilopogon rubricapillus</i>	<i>Pterodroma gouldi</i>	<i>Puffinus opisthomelas</i>
<i>Procellaria cinerea</i>	<i>Psilopogon virens</i>	<i>Pterodroma hasitata</i>	<i>Puffinus puffinus</i>
<i>Procellaria westlandica</i>	<i>Psilopogon viridis</i>	<i>Pterodroma hypoleuca</i>	<i>Pulsatrix</i>
<i>Procnias albus</i>	<i>Psilopogon zeylanicus</i>	<i>Pterodroma incerta</i>	<i>koenigswaldiana</i>
<i>Procnias averano</i>	<i>Psilopsiagon aurifrons</i>	<i>Pterodroma inexpectata</i>	<i>Pulsatrix perspicillata</i>
<i>Prodotiscus insignis</i>	<i>Psilopsiagon aymara</i>	<i>Pterodroma lessonii</i>	<i>Purnella albifrons</i>
<i>Prodotiscus regulus</i>	<i>Psilorhamphus guttatus</i>	<i>Pterodroma leucoptera</i>	<i>Purpureicephalus</i>
<i>Prodotiscus zambesiae</i>	<i>Psilosops flammeolus</i>	<i>Pterodroma macroptera</i>	<i>spurius</i>
<i>Progne chalybea</i>	<i>Psittacara</i>	<i>Pterodroma mollis</i>	<i>Pycnonotus aurigaster</i>
<i>Progne subis</i>	<i>acuticaudatus</i>	<i>Pterodroma neglecta</i>	<i>Pycnonotus barbatus</i>
<i>Progne tapera</i>	<i>Psittacara holochlorus</i>	<i>Pterodroma nigripennis</i>	<i>Pycnonotus</i>
<i>Promerops cafer</i>	<i>Psittacara leucophthalmus</i>	<i>Pterodroma solandri</i>	<i>bimaculatus</i>
<i>Psalidoprocne</i>	<i>Psittacara mitratus</i>	<i>Pterodroma ultima</i>	<i>Pycnonotus blanfordi</i>
<i>pristoptera</i>	<i>Psittacula alexandri</i>	<i>Pteroglossus aracari</i>	<i>Pycnonotus brunneus</i>
<i>Psarocolius</i>	<i>Psittacula caniceps</i>	<i>Pteroglossus azara</i>	<i>Pycnonotus cafer</i>
<i>angustifrons</i>	<i>Psittacula columboides</i>	<i>Pteroglossus bailloni</i>	<i>Pycnonotus capensis</i>
<i>Psarocolius yuracares</i>	<i>Psittacula cyanocephala</i>	<i>Pteroglossus beauharnaesii</i>	<i>Pycnonotus</i>
<i>Psephotellus</i>	<i>Psittacula eupatria</i>	<i>Pteroglossus castanotis</i>	<i>cinereifrons</i>
<i>chrysoterygius</i>	<i>Psittacula finschii</i>	<i>Pteroglossus inscriptus</i>	<i>Pycnonotus</i>
<i>Psephotellus dissimilis</i>	<i>Psittacula krameri</i>	<i>Pteroglossus pluricinctus</i>	<i>cyaniventris</i>
<i>Psephotellus</i>	<i>Psittacula longicauda</i>	<i>Pteroglossus sturmii</i>	<i>Pycnonotus dispar</i>
<i>pulcherrimus</i>	<i>Psittacula roseata</i>	<i>Pteroglossus torquatus</i>	<i>Pycnonotus</i>
<i>Psephotellus varius</i>	<i>Psittinus cyanurus</i>	<i>Pteroglossus viridis</i>	<i>erythrophthalmos</i>
<i>Psephotus</i>	<i>Psophia leucoptera</i>	<i>Pteronetta hartlaubii</i>	<i>Pycnonotus finlaysoni</i>
<i>haematonotus</i>	<i>Psophia viridis</i>	<i>Pteruthius aeralatus</i>	<i>Pycnonotus flavescens</i>
<i>Pseudastur albicollis</i>	<i>Psophocichla litsitsirupa</i>	<i>Ptilinopus alligator</i>	<i>Pycnonotus goiavier</i>
<i>Pseudastur polionotus</i>	<i>Pternistis adspersus</i>	<i>Ptilinopus melanospilus</i>	<i>Pycnonotus gularis</i>
<i>Pseudibis papillosa</i>	<i>Pternistis afer</i>	<i>Ptilinopus porphyreus</i>	<i>Pycnonotus leucops</i>
<i>Pseudobulweria</i>	<i>Pternistis hartlaubi</i>	<i>Ptilinopus regina</i>	<i>Pycnonotus</i>
<i>rostrata</i>	<i>Pternistis hildebrandti</i>	<i>Ptilinopus superbus</i>	<i>melanicterus</i>
<i>Pseudochelidon</i>	<i>Pternistis icterorhynchus</i>	<i>Ptiliogonys cinereus</i>	<i>Pycnonotus montis</i>
<i>eurystomina</i>	<i>Pternistis jacksoni</i>	<i>Ptilocichla falcata</i>	<i>Pycnonotus plumosus</i>
<i>Pseudocolaptes</i>	<i>Pternistis leucoscepus</i>	<i>Ptilopachus nahani</i>	<i>Pycnonotus squamatus</i>
<i>boissonneaui</i>	<i>Pternistis natalensis</i>	<i>Ptilopachus petrosus</i>	<i>Pycnonotus</i>
<i>Pseudonigrita arnaudi</i>	<i>Pternistis rufopictus</i>	<i>Ptilopsis granti</i>	<i>xantholaemus</i>
<i>Pseudonigrita cabanisi</i>	<i>Pternistis squamatus</i>	<i>Ptilopsis leucotis</i>	<i>Pycnonotus zeylanicus</i>
<i>Pseudopipra pipra</i>	<i>Pterocles bicinctus</i>	<i>Ptilotula flavescens</i>	<i>Pygoptila stellaris</i>
<i>Pseudotriccus ruficeps</i>	<i>Pterocles burchelli</i>	<i>Ptilotula fusca</i>	<i>Pygochelidon</i>
<i>Psilopogon asiaticus</i>	<i>Pterocles decoratus</i>	<i>Ptilotula keartlandi</i>	<i>cyanoleuca</i>
<i>Psilopogon</i>	<i>Pterocles exustus</i>	<i>Ptilotula ornata</i>	<i>Pygochelidon</i>
<i>chrysopogon</i>	<i>Pterocles gutturalis</i>	<i>Ptilotula penicillata</i>	<i>melanoleuca</i>
<i>Psilopogon cyanotis</i>	<i>Pterocles indicus</i>	<i>Ptilotula plumula</i>	<i>Pygoscelis papua</i>
<i>Psilopogon duvaucelii</i>	<i>Pterocles lichtensteinii</i>	<i>Ptychoramphus aleuticus</i>	<i>Pyriglena leuconota</i>
<i>Psilopogon eximius</i>	<i>Pterocles namaqua</i>	<i>Ptyonoprogne concolor</i>	<i>Pyrilia barrabandi</i>
<i>Psilopogon faiostrictus</i>	<i>Pterocles personatus</i>	<i>Ptyonoprogne fuligula</i>	<i>Pyrilia caica</i>
<i>Psilopogon flavifrons</i>		<i>Ptyonoprogne rufigula</i>	<i>Pyrilia pyrilia</i>
<i>Psilopogon franklinii</i>		<i>Puffinus assimilis</i>	<i>Pyrocephalus rubinus</i>
<i>Psilopogon</i>			<i>Pyrhacorax</i>
<i>haemacephalus</i>			<i>pyrrhocorax</i>
<i>Psilopogon henrici</i>			<i>pyrrholaemus</i>
<i>Psilopogon incognitus</i>			<i>sagittatus</i>
<i>Psilopogon lineatus</i>			<i>Pyrrhomyias</i>
			<i>cinnamomeus</i>

<i>Pyrhura caeruleiceps</i>	<i>Rhinopomastus</i>	<i>Sagittarius serpentarius</i>	<i>Scolopax rusticola</i>
<i>Pyrhura cruentata</i>	<i>aterrimus</i>	<i>Sakesphorus</i>	<i>Scolopax saturata</i>
<i>Pyrhura frontalis</i>	<i>Rhinopomastus</i>	<i>canadensis</i>	<i>Scopus umbretta</i>
<i>Pyrhura leucotis</i>	<i>castaneiceps</i>	<i>Sakesphorus cristatus</i>	<i>Scotopelia bouvieri</i>
<i>Pyrhura melanura</i>	<i>Rhinopomastus</i>	<i>Sakesphorus pulchellus</i>	<i>Scotopelia peli</i>
<i>Pyrhura molinae</i>	<i>cyanomelas</i>	<i>Salpornis salvadori</i>	<i>Scytalopus iraiensis</i>
<i>Pyrhura perlata</i>	<i>Rhinopomastus minor</i>	<i>Salpornis spilonota</i>	<i>Scytalopus pachecoi</i>
<i>Pyrhura picta</i>	<i>Rhinoptilus</i>	<i>Saltator coerulescens</i>	<i>Scytalopus</i>
<i>Pyrhura roseifrons</i>	<i>chalcopterus</i>	<i>Saltator grandis</i>	<i>schulenbergi</i>
<i>Pytilia phoenicoptera</i>	<i>Rhinoptilus cinctus</i>	<i>Saltator plumbeus</i>	<i>Scytalopus speluncae</i>
<i>Quoyornis georgianus</i>	<i>Rhinortha chlorophaea</i>	<i>Sarcogyps calvus</i>	<i>Scythrops</i>
<i>Radjah radjah</i>	<i>Rhipidura albicollis</i>	<i>Sarcoramphus papa</i>	<i>novaehollandiae</i>
<i>Rallina canningi</i>	<i>Rhipidura albiscapa</i>	<i>Sarkidiornis melanotos</i>	<i>Selasphorus calliope</i>
<i>Rallina eurizonoides</i>	<i>Rhipidura albogularis</i>	<i>Sarkidiornis sylvicola</i>	<i>Selasphorus</i>
<i>Rallina fasciata</i>	<i>Rhipidura cyaniceps</i>	<i>Saroglossa spilopterus</i>	<i>platycercus</i>
<i>Rallina tricolor</i>	<i>Rhipidura dryas</i>	<i>Sarothrura affinis</i>	<i>Selasphorus rufus</i>
<i>Rallus antarcticus</i>	<i>Rhipidura isura</i>	<i>Sarothrura ayresi</i>	<i>Selasphorus sasin</i>
<i>Rallus caerulescens</i>	<i>Rhipidura javanica</i>	<i>Sarothrura boehmi</i>	<i>Selenidera gouldii</i>
<i>Rallus crepitans</i>	<i>Rhipidura nigritorquus</i>	<i>Sarothrura elegans</i>	<i>Selenidera</i>
<i>Rallus elegans</i>	<i>Rhipidura rufifrons</i>	<i>Sarothrura pulchra</i>	<i>maculirostris</i>
<i>Rallus indicus</i>	<i>Rhizothera longirostris</i>	<i>Sarothrura rufa</i>	<i>Selenidera nattereri</i>
<i>Rallus limicola</i>	<i>Rhodostethia rosea</i>	<i>Sasia abnormis</i>	<i>Selenidera piperivora</i>
<i>Rallus obsoletus</i>	<i>Rhopias gularis</i>	<i>Sasia ochracea</i>	<i>Sephanoides</i>
<i>Rallus tenuirostris</i>	<i>Rhopospina fruticeti</i>	<i>Saxicola ferreus</i>	<i>sephaniodes</i>
<i>Ramphastos ambiguus</i>	<i>Rhynchocyclus</i>	<i>Saxicola rubetra</i>	<i>Sericornis beccarii</i>
<i>Ramphastos ariel</i>	<i>aequinotialis</i>	<i>Sayornis nigricans</i>	<i>Serilophus lunatus</i>
<i>Ramphastos</i>	<i>Rhynchocyclus</i>	<i>Schiffornis major</i>	<i>Serinus flavivertex</i>
<i>citrolaemus</i>	<i>olivaceus</i>	<i>Schiffornis olivacea</i>	<i>Serpophaga</i>
<i>Ramphastos</i>	<i>Rhynchopsitta terrisi</i>	<i>Schiffornis</i>	<i>griseicapilla</i>
<i>culminatus</i>	<i>Rhynchotus</i>	<i>stenorhyncha</i>	<i>Serpophaga nigricans</i>
<i>Ramphastos cuvieri</i>	<i>maculicollis</i>	<i>Schiffornis turdina</i>	<i>Serpophaga subcristata</i>
<i>Ramphastos dicolorus</i>	<i>Rhynchotus rufescens</i>	<i>Schistes geoffroyi</i>	<i>Setopagis heterura</i>
<i>Ramphastos sulfuratus</i>	<i>Rhyticeros</i>	<i>Schistolais leucopogon</i>	<i>Setopagis parvula</i>
<i>Ramphastos toco</i>	<i>subruficollis</i>	<i>Schoenicola platyrus</i>	<i>Setopagis whitelyi</i>
<i>Ramphastos tucanus</i>	<i>Rhyticeros undulatus</i>	<i>Schoeniophylax</i>	<i>Setophaga americana</i>
<i>Ramphastos vitellinus</i>	<i>Rhytipterna immunda</i>	<i>phryganophilus</i>	<i>Setophaga auduboni</i>
<i>Ramphiculus jambu</i>	<i>Rhytipterna simplex</i>	<i>Schoeniparus</i>	<i>Setophaga caerulescens</i>
<i>Ramphiculus</i>	<i>Ridgwayia pinicola</i>	<i>castaneiceps</i>	<i>Setophaga castanea</i>
<i>leclancheri</i>	<i>Riparia chinensis</i>	<i>Schoeniparus</i>	<i>Setophaga cerulea</i>
<i>Ramphiculus marchei</i>	<i>Riparia cowani</i>	<i>rufogularis</i>	<i>Setophaga citrina</i>
<i>Ramphiculus merrilli</i>	<i>Riparia diluta</i>	<i>Schoutedenapus</i>	<i>Setophaga coronata</i>
<i>Ramphiculus</i>	<i>Riparia paludicola</i>	<i>myoptilus</i>	<i>Setophaga dominica</i>
<i>occipitalis</i>	<i>Riparia riparia</i>	<i>Sciaphylax</i>	<i>Setophaga fusca</i>
<i>Ramphotrigon</i>	<i>Rissa brevirostris</i>	<i>hemimelaena</i>	<i>Setophaga graciae</i>
<i>megacephalum</i>	<i>Rissa tridactyla</i>	<i>Scleroptila afra</i>	<i>Setophaga kirtlandii</i>
<i>Recurvirostra</i>	<i>Robsonius rabori</i>	<i>Scleroptila elgonensis</i>	<i>Setophaga magnolia</i>
<i>americana</i>	<i>Robsonius thompsoni</i>	<i>Scleroptila gutturalis</i>	<i>Setophaga nigrescens</i>
<i>Recurvirostra andina</i>	<i>Rollandia rolland</i>	<i>Scleroptila levaillantii</i>	<i>Setophaga occidentalis</i>
<i>Recurvirostra avosetta</i>	<i>Rollulus rouloul</i>	<i>Scleroptila shelleyi</i>	<i>Setophaga palmarum</i>
<i>Recurvirostra</i>	<i>Roraimia adusta</i>	<i>Scleroptila</i>	<i>Setophaga</i>
<i>novaehollandiae</i>	<i>Rostratula australis</i>	<i>streptophora</i>	<i>pensylvanica</i>
<i>Rhabdotorrhinus</i>	<i>Rostratula</i>	<i>Sclerurus albigularis</i>	<i>Setophaga petechia</i>
<i>corrugatus</i>	<i>benghalensis</i>	<i>Sclerurus caudacutus</i>	<i>Setophaga pinus</i>
<i>Rhaphidura</i>	<i>Rostrhamus sociabilis</i>	<i>Sclerurus mexicanus</i>	<i>Setophaga pitiayumi</i>
<i>leucopygialis</i>	<i>Rufirallus viridis</i>	<i>Sclerurus rufigularis</i>	<i>Setophaga striata</i>
<i>Rhaphidura sabini</i>	<i>Rupornis magnirostris</i>	<i>Sclerurus scansor</i>	<i>Setophaga tigrina</i>
<i>Rhea americana</i>	<i>Rynchops albicollis</i>	<i>Scolopax</i>	<i>Setophaga townsendi</i>
<i>Rhea pennata</i>	<i>Rynchops flavirostris</i>	<i>bukidnonensis</i>	<i>Setophaga virens</i>
<i>Rhinoplax vigil</i>	<i>Rynchops niger</i>	<i>Scolopax minor</i>	<i>Sheppardia polioptera</i>

<i>Sibirionetta formosa</i>	<i>Spilornis klossi</i>	<i>Sterna aurantia</i>	<i>Sturnia erythropygia</i>
<i>Sicalis olivascens</i>	<i>Spinus barbatus</i>	<i>Sterna dougallii</i>	<i>Sturnia malabarica</i>
<i>Sicalis uropigyalis</i>	<i>Spinus lawrencei</i>	<i>Sterna forsteri</i>	<i>Sturnus vulgaris</i>
<i>Silvicultrix diadema</i>	<i>Spinus magellanicus</i>	<i>Sterna hirundinacea</i>	<i>Sublegatus obscurior</i>
<i>Silvicultrix pulchella</i>	<i>Spinus notatus</i>	<i>Sterna hirundo</i>	<i>Sugomel nigrum</i>
<i>Sipia palliata</i>	<i>Spinus olivaceus</i>	<i>Sterna paradisaea</i>	<i>Suiriri affinis</i>
<i>Sirystes albocinereus</i>	<i>Spinus pinus</i>	<i>Sterna repressa</i>	<i>Suiriri suiriri</i>
<i>Sirystes sibilator</i>	<i>Spinus psaltria</i>	<i>Sterna striata</i>	<i>Sula dactylatra</i>
<i>Sirystes subcanescens</i>	<i>Spinus spinescens</i>	<i>Sterna sumatrana</i>	<i>Sula leucogaster</i>
<i>Sitta arctica</i>	<i>Spinus spinus</i>	<i>Sterna trudeaui</i>	<i>Sula nebouxii</i>
<i>Sitta carolinensis</i>	<i>Spinus tristis</i>	<i>Sterna vittata</i>	<i>Sula sula</i>
<i>Sitta castanea</i>	<i>Spinus xanthogastrus</i>	<i>Sternula albifrons</i>	<i>Surnia ulula</i>
<i>Sitta europaea</i>	<i>Spiza americana</i>	<i>Sternula antillarum</i>	<i>Surniculus dicruroides</i>
<i>Sitta formosa</i>	<i>Spizaetus isidori</i>	<i>Sternula nereis</i>	<i>Surniculus lugubris</i>
<i>Sitta neglecta</i>	<i>Spizaetus</i>	<i>Sternula saundersi</i>	<i>Surniculus velutinus</i>
<i>Sitta pusilla</i>	<i>melanoleucus</i>	<i>Sternula superciliaris</i>	<i>Sylvia abyssinica</i>
<i>Sittasomus</i>	<i>Spizaetus ornatus</i>	<i>Sterrhoptilus</i>	<i>Sylvia atricapilla</i>
<i>griseicapillus</i>	<i>Spizaetus tyrannus</i>	<i>dennistouni</i>	<i>Sylvia crassirostris</i>
<i>Sittasomus griseus</i>	<i>Spizella atrogularis</i>	<i>Sterrhoptilus</i>	<i>Sylvia curruca</i>
<i>Sittiparus semilarvatus</i>	<i>Spizella breweri</i>	<i>nigrocapitatus</i>	<i>Sylvia nigricapillus</i>
<i>Sittiparus varius</i>	<i>Spizella wortheni</i>	<i>Stictonetta naevosa</i>	<i>Sylvia subcoerulea</i>
<i>Siva cyanouroptera</i>	<i>Spizocorys fremantlii</i>	<i>Stigmatura budytoidea</i>	<i>Sylvietta brachyura</i>
<i>Smicromis brevirostris</i>	<i>Spizocorys fringillaris</i>	<i>Stigmatura napensis</i>	<i>Sylvietta leucophrys</i>
<i>Smithornis capensis</i>	<i>Spizocorys starki</i>	<i>Stiltia isabella</i>	<i>Sylviorthorhynchus</i>
<i>Smithornis rufolateralis</i>	<i>Spodiopsar cineraceus</i>	<i>Stiphornis</i>	<i>desmursii</i>
<i>Smithornis sharpei</i>	<i>Spodiornis rusticus</i>	<i>erythrothorax</i>	<i>Syma torotoro</i>
<i>Smutsornis africanus</i>	<i>Sporathraupis</i>	<i>Stiphornis</i>	<i>Symposiachrus</i>
<i>Somateria fischeri</i>	<i>cyanoccephala</i>	<i>pyrrholaemus</i>	<i>trivirgatus</i>
<i>Somateria mollissima</i>	<i>Sporophila angolensis</i>	<i>Stiphornis</i>	<i>Synallaxis albiflora</i>
<i>Somateria spectabilis</i>	<i>Sporophila beltoni</i>	<i>xanthogaster</i>	<i>Synallaxis cherriei</i>
<i>Spatula clypeata</i>	<i>Sporophila bouvreuil</i>	<i>Stizorhina fraseri</i>	<i>Synallaxis hypospodia</i>
<i>Spatula cyanoptera</i>	<i>Sporophila crassirostris</i>	<i>Stomiopera flava</i>	<i>Synallaxis macconnelli</i>
<i>Spatula discors</i>	<i>Sporophila</i>	<i>Stomiopera unicolor</i>	<i>Synallaxis scutata</i>
<i>Spatula hottentota</i>	<i>fringilloides</i>	<i>Streptopelia capicola</i>	<i>Syndactyla dimidiata</i>
<i>Spatula platalea</i>	<i>Sporophila funerea</i>	<i>Streptopelia decaocto</i>	<i>Syndactyla roaimae</i>
<i>Spatula querquedula</i>	<i>Sporophila maximiliani</i>	<i>Streptopelia decipiens</i>	<i>Syndactyla striata</i>
<i>Spatula rhynchotis</i>	<i>Sporophila moreletii</i>	<i>Streptopelia dussumieri</i>	<i>Synoicus adansonii</i>
<i>Spatula smithii</i>	<i>Sporophila nigricollis</i>	<i>Streptopelia lugens</i>	<i>Synoicus chinensis</i>
<i>Spatula versicolor</i>	<i>Sporophila palustris</i>	<i>Streptopelia orientalis</i>	<i>Synoicus ypsilophorus</i>
<i>Speculanus specularis</i>	<i>Sporophila pileata</i>	<i>Streptopelia</i>	<i>Synthliboramphus</i>
<i>Speculipastor bicolor</i>	<i>Sporophila plumbea</i>	<i>roseogrisea</i>	<i>craveri</i>
<i>Spermestes bicolor</i>	<i>Sporophila schistacea</i>	<i>Streptopelia</i>	<i>Synthliboramphus</i>
<i>Spermestes cucullata</i>	<i>Stachyris striolata</i>	<i>semitorquata</i>	<i>hypoleucus</i>
<i>Spermestes</i>	<i>Stactolaema anchietae</i>	<i>Streptopelia</i>	<i>Synthliboramphus</i>
<i>fringilloides</i>	<i>Stactolaema leucotis</i>	<i>tranquebarica</i>	<i>scrippsi</i>
<i>Spheniscus</i>	<i>Steatornis caripensis</i>	<i>Streptoprocne phelpsi</i>	<i>Synthliboramphus</i>
<i>magellanicus</i>	<i>Steganopus tricolor</i>	<i>Streptoprocne rutila</i>	<i>wumizusume</i>
<i>Sphenopsis melanotis</i>	<i>Stelgidillas</i>	<i>Streptoprocne zonaris</i>	<i>Sypheotides indicus</i>
<i>Sphyrapicus nuchalis</i>	<i>gracilirostris</i>	<i>Strix hylophila</i>	<i>Syrigma sibilatrix</i>
<i>Sphyrapicus ruber</i>	<i>Stelgidopteryx</i>	<i>Strix leptogrammica</i>	<i>Syrhaptes paradoxus</i>
<i>Sphyrapicus thyroideus</i>	<i>serripennis</i>	<i>Strix nebulosa</i>	<i>Systellura longirostris</i>
<i>Sphyrapicus varius</i>	<i>Stephanoaetus</i>	<i>Strix occidentalis</i>	<i>Systellura roaimae</i>
<i>Spilopelia chinensis</i>	<i>coronatus</i>	<i>Strix ocellata</i>	<i>Taccocua leschenaultii</i>
<i>Spilopelia senegalensis</i>	<i>Stephanoxis loddigesii</i>	<i>Strix rufipes</i>	<i>Tachornis furcata</i>
<i>Spilopelia suratensis</i>	<i>Stercorarius</i>	<i>Strix seloputo</i>	<i>Tachornis squamata</i>
<i>Spilornis cheela</i>	<i>longicaudus</i>	<i>Strix uralensis</i>	<i>Tachuris rubrigastra</i>
<i>Spilornis elgini</i>	<i>Stercorarius parasiticus</i>	<i>Strix varia</i>	<i>Tachybaptus</i>
<i>Spilornis holospilus</i>	<i>Stercorarius pomarinus</i>	<i>Strix woodfordii</i>	<i>dominicus</i>
<i>Spilornis kinabaluensis</i>	<i>Sterna acuticauda</i>	<i>Sturnella magna</i>	

Tachybaptus novaehollandiae	Tephrodornis sylvicola	Theristicus caudatus	Touit dilectissimus
Tachybaptus pelzelinii	Tephrodornis virgatus	Theristicus melanopis	Touit huetii
Tachycineta meyeri	Terenotriccus erythrurus	Thinocorus rumicivorus	Trachylaemus purpuratus
Tachyeres leucocephalus	Terpsiphone affinis	Thinornis cucullatus	Trachyphonus darnaudii
Tachyeres patachonicus	Terpsiphone batesi	Thlypopsis pyrrhocomma	Trachyphonus emini
Tachyeres pteneres	Terpsiphone cyanescens	Threnetes leucurus	Trachyphonus erythrocephalus
Tachymarptis aequatorialis	Terpsiphone incei	Threnetes ruckeri	Trachyphonus usambiro
Tachymarptis melba	Terpsiphone paradisi	Threskiornis aethiopicus	Trachyphonus vaillantii
Tadorna cana	Terpsiphone rufiventer	Threskiornis bernieri	Tregellasia leucops
Tadorna ferruginea	Terpsiphone unirufa	Threskiornis melanocephalus	Treron affinis
Tadorna tadornoides	Tetrao urogalloides	Threskiornis moluccus	Treron apicauda
Taeniopygia castanotis	Tetrao urogallus	Threskiornis spinicollis	Treron australis
Taeniotriccus andrei	Tetraogallus himalayensis	Thripophaga fusciceps	Treron axillaris
Tangara argentea	Thalassarche bulleri	Thripophaga gutturata	Treron bicinctus
Tangara atrocoerulea	Thalassarche cauta	Thryophilus rufalbus	Treron calvus
Tangara aurulenta	Thalassarche chrysostoma	Thryothorus ludovicianus	Treron capellei
Tangara cayana	Thalassarche eremita	Tiaris olivaceus	Treron chloropterus
Tangara cyanomelas	Thalassarche impavida	Tigriornis leucolopha	Treron curvirostra
Tangara episcopus	Thalassarche melanophris	Tigrisoma fasciatum	Treron delalandii
Tangara flava	Thalassarche salvini	Tigrisoma lineatum	Treron fulvicollis
Tangara fulvicervix	Thalassarche steadi	Tinamotis ingoufi	Treron olax
Tangara glaucocolpa	Thalasseus bengalensis	Tinamus guttatus	Treron oxyurus
Tangara mexicana	Thalasseus bergii	Tinamus major	Treron phayrei
Tangara ornata	Thalasseus bernsteini	Tinamus solitarius	Treron phoenicopterus
Tangara palmarum	Thalasseus elegans	Tinamus tao	Treron pompadora
Tangara peruviana	Thalasseus maximus	Tityra braziliensis	Treron seimundi
Tangara sayaca	Thalasseus sandvicensis	Tityra cayana	Treron sieboldii
Tangara velia	Thalassoica antarctica	Tityra semifasciata	Treron sphenurus
Tangara whitelyi	Thamnistes aequatorialis	Tockus damarensis	Treron vernans
Tanygnathus lucionensis	Thamnophilus aethiops	Tockus deckeni	Tribonyx mortierii
Tanygnathus sumatranus	Thamnophilus atrinucha	Tockus erythrorhynchus	Tribonyx ventralis
Tanysiptera sylvia	Thamnophilus insignis	Tockus flavirostris	Trichastoma cinereiceps
Taoniscus nanus	Thamnophilus melanonotus	Tockus jacksoni	Trichastoma malaccense
Tapera naevia	Thamnophilus melanothorax	Tockus leucomelas	Trichastoma rostratum
Tarphononotus harterti	Thamnophilus nigrocinereus	Tockus monteiri	Trichoglossus chlorolepidotus
Tarsiger cyanurus	Thamnophilus ruficapillus	Todiramphus chloris	Trichoglossus moluccanus
Tarsiger rufilatus	Thamnophilus stictocephalus	Todiramphus macleayii	Trichoglossus rubritorquis
Tauraco corythaix	Thamnophilus sticturus	Todiramphus sanctus	Tricholaema diademata
Tauraco hartlaubi	Thamnophilus subfasciatus	Tolmomyias assimilis	Tricholaema frontata
Tauraco leucolophus	Theristicus branickii	Tolmomyias flaviventris	Tricholaema hirsuta
Tauraco macrohynchus	Theristicus caerulescens	Tolmomyias sulphureus	Tricholaema lacrymosa
Tauraco persa		Tolmomyias viridiceps	Tricholaema leucomelas
Tauraco schalowi		Topaza pella	Tricholaema melanocephala
Tauraco schuettii		Topaza pyra	Tricholaema malachitacea
Telacanthura melanopygia		Torgos tracheliotos	Tricholaema occipitalis
Telacanthura ussheri		Touit batavicus	Tringa brevipes
Telophorus viridis			
Tephrodornis affinis			
Tephrodornis pondicerianus			

<i>Tringa erythropus</i>	<i>Turdus hauxwelli</i>	<i>Uropsalis segmentata</i>	<i>Xiphorhynchus</i>
<i>Tringa flavipes</i>	<i>Turdus ignobilis</i>	<i>Urotiorchis macrourus</i>	<i>beauperthuysii</i>
<i>Tringa glareola</i>	<i>Turdus libonyana</i>	<i>Vanellus albiceps</i>	<i>Xiphorhynchus</i>
<i>Tringa guttifer</i>	<i>Turdus merula</i>	<i>Vanellus armatus</i>	<i>chunchotambo</i>
<i>Tringa incana</i>	<i>Turdus migratorius</i>	<i>Vanellus chilensis</i>	<i>Xiphorhynchus elegans</i>
<i>Tringa melanoleuca</i>	<i>Turdus nigriceps</i>	<i>Vanellus cinereus</i>	<i>Xiphorhynchus</i>
<i>Tringa nebularia</i>	<i>Turdus olivaceus</i>	<i>Vanellus coronatus</i>	<i>flavigaster</i>
<i>Tringa ochropus</i>	<i>Turdus poliocephalus</i>	<i>Vanellus crassirostris</i>	<i>Xiphorhynchus fuscus</i>
<i>Tringa semipalmata</i>	<i>Turdus rufopalliat</i>	<i>Vanellus duvaucelii</i>	<i>Xiphorhynchus</i>
<i>Tringa solitaria</i>	<i>Turdus simillimus</i>	<i>Vanellus gregarius</i>	<i>guttatoides</i>
<i>Tringa stagnatilis</i>	<i>Turdus smithi</i>	<i>Vanellus indicus</i>	<i>Xiphorhynchus</i>
<i>Tringa totanus</i>	<i>Turdus subalaris</i>	<i>Vanellus lugubris</i>	<i>guttatus</i>
<i>Trochalopteron</i>	<i>Turdus unicolor</i>	<i>Vanellus malabaricus</i>	<i>Xiphorhynchus</i>
<i>cachinnans</i>	<i>Turnix castanotus</i>	<i>Vanellus melanopterus</i>	<i>susurrans</i>
<i>Trochalopteron</i>	<i>Turnix maculosus</i>	<i>Vanellus miles</i>	<i>Xolmis dominicanus</i>
<i>fairbanki</i>	<i>Turnix melanogaster</i>	<i>Vanellus</i>	<i>Zanclostomus</i>
<i>Trochalopteron</i>	<i>Turnix nanus</i>	<i>novaehollandiae</i>	<i>javanicus</i>
<i>melanostigma</i>	<i>Turnix nigricollis</i>	<i>Vanellus senegallus</i>	<i>Zanda baudinii</i>
<i>Trochalopteron milnei</i>	<i>Turnix ocellatus</i>	<i>Vanellus spinosus</i>	<i>Zanda funerea</i>
<i>Trochalopteron</i>	<i>Turnix olivii</i>	<i>Vanellus superciliosus</i>	<i>Zanda latirostris</i>
<i>peninsulae</i>	<i>Turnix pyrrhotorax</i>	<i>Vanellus tectus</i>	<i>Zapornia akool</i>
<i>Trochocercus bivittatus</i>	<i>Turnix suscitator</i>	<i>Vanellus tricolor</i>	<i>Zapornia flavirostra</i>
<i>Trochocercus</i>	<i>Turnix sylvaticus</i>	<i>Vanellus vanellus</i>	<i>Zapornia fusca</i>
<i>cyanomelas</i>	<i>Turnix tanki</i>	<i>Vauriella gularis</i>	<i>Zapornia olivieri</i>
<i>Troglodytes aedon</i>	<i>Turnix varius</i>	<i>Vauriella insignis</i>	<i>Zapornia parva</i>
<i>Troglodytes hiemalis</i>	<i>Turnix velox</i>	<i>Veles binotatus</i>	<i>Zapornia paykullii</i>
<i>Troglodytes pacificus</i>	<i>Turnix worcesteri</i>	<i>Veniliornis affinis</i>	<i>Zapornia tabuensis</i>
<i>Troglodytes</i>	<i>Turtur afer</i>	<i>Veniliornis cassini</i>	<i>Zebrilus undulatus</i>
<i>trogodytes</i>	<i>Turtur brehmeri</i>	<i>Veniliornis frontalis</i>	<i>Zenaida asiatica</i>
<i>Trogon ambiguus</i>	<i>Turtur chalcospilos</i>	<i>Veniliornis kirkii</i>	<i>Zenaida auriculata</i>
<i>Trogon aurantius</i>	<i>Turtur tympanistria</i>	<i>Veniliornis lignarius</i>	<i>Zenaida macroura</i>
<i>Trogon collaris</i>	<i>Tychaedon barbata</i>	<i>Veniliornis</i>	<i>Zentrygon albifacies</i>
<i>Trogon curucui</i>	<i>Tychaedon coryphoeus</i>	<i>maculifrons</i>	<i>Zentrygon frenata</i>
<i>Trogon melanurus</i>	<i>Tychaedon leucosticta</i>	<i>Veniliornis mixtus</i>	<i>Zentrygon linearis</i>
<i>Trogon mexicanus</i>	<i>Tychaedon</i>	<i>Veniliornis passerinus</i>	<i>Zimmerius chrysops</i>
<i>Trogon personatus</i>	<i>quadrivirgata</i>	<i>Veniliornis spilogaster</i>	<i>Zimmerius gracilipes</i>
<i>Trogon rufus</i>	<i>Tychaedon signata</i>	<i>Verreauxia africana</i>	<i>Zimmerius improbus</i>
<i>Trogon surrucura</i>	<i>Tympanuchus cupido</i>	<i>Vidua paradisaea</i>	<i>Zoonavena grandidieri</i>
<i>Trogon violaceus</i>	<i>Tympanuchus</i>	<i>Vidua regia</i>	<i>Zoonavena sylvatica</i>
<i>Trogon viridis</i>	<i>pallidicinctus</i>	<i>Vireo olivaceus</i>	<i>Zoothera aurea</i>
<i>Tunchiornis luteifrons</i>	<i>Tympanuchus</i>	<i>Vireo sclateri</i>	<i>Zoothera dauma</i>
<i>Tunchiornis</i>	<i>phasianellus</i>	<i>Vireolanius leucotis</i>	<i>Zosterops eurycritotus</i>
<i>ochraceiceps</i>	<i>Tyto alba</i>	<i>Vultur gryphus</i>	<i>Zosterops flavilateralis</i>
<i>Turdinus brevicaudatus</i>	<i>Tyto capensis</i>	<i>Willisornis</i>	<i>Zosterops japonicus</i>
<i>Turdinus crassus</i>	<i>Tyto longimembris</i>	<i>poecilnotus</i>	<i>Zosterops kikuyuensis</i>
<i>Turdinus crispifrons</i>	<i>Tyto multipunctata</i>	<i>Xanthomixis apperti</i>	<i>Zosterops</i>
<i>Turdinus</i>	<i>Tyto novaehollandiae</i>	<i>Xanthotis macleayanus</i>	<i>maderaspatanus</i>
<i>macrodactylus</i>	<i>Tyto tenebricosa</i>	<i>Xema sabini</i>	<i>Zosterops mbuluensis</i>
<i>Turdinus marmoratus</i>	<i>Upucerthia validirostris</i>	<i>Xenopipo atronitens</i>	<i>Zosterops meyeri</i>
<i>Turdoides reinwardtii</i>	<i>Upupa epops</i>	<i>Xenopipo uniformis</i>	<i>Zosterops pallidus</i>
<i>Turdoides sharpei</i>	<i>Upupa marginata</i>	<i>Xenops genibarbis</i>	<i>Zosterops palpebrosus</i>
<i>Turdoides striata</i>	<i>Uratelornis chimaera</i>	<i>Xenops minutus</i>	<i>Zosterops virens</i>
<i>Turdus abyssinicus</i>	<i>Uria aalge</i>	<i>Xenops rutilus</i>	<i>Zosterornis</i>
<i>Turdus albicollis</i>	<i>Uria lomvia</i>	<i>Xenopsaris albinucha</i>	<i>hypogrammicus</i>
<i>Turdus arthuri</i>	<i>Urocissa erythroryncha</i>	<i>Xenus cinereus</i>	<i>Zosterornis striatus</i>
<i>Turdus assimilis</i>	<i>Urocolius indicus</i>	<i>Xipholena</i>	<i>Zosterornis whitehea</i>
<i>Turdus atrogularis</i>	<i>Urocolius macrourus</i>	<i>atropurpurea</i>	
<i>Turdus debilis</i>	<i>Uropelia campestris</i>	<i>Xipholena punicea</i>	
<i>Turdus eunomus</i>	<i>Uropsalis lyra</i>		

